

CertainTeed

Acoustical Ceilings & Walls

2011-2012 Catalog

CertainTeed
SAINT-GOBAIN

Acoustical Ceilings & Walls 2011-2012 Catalog



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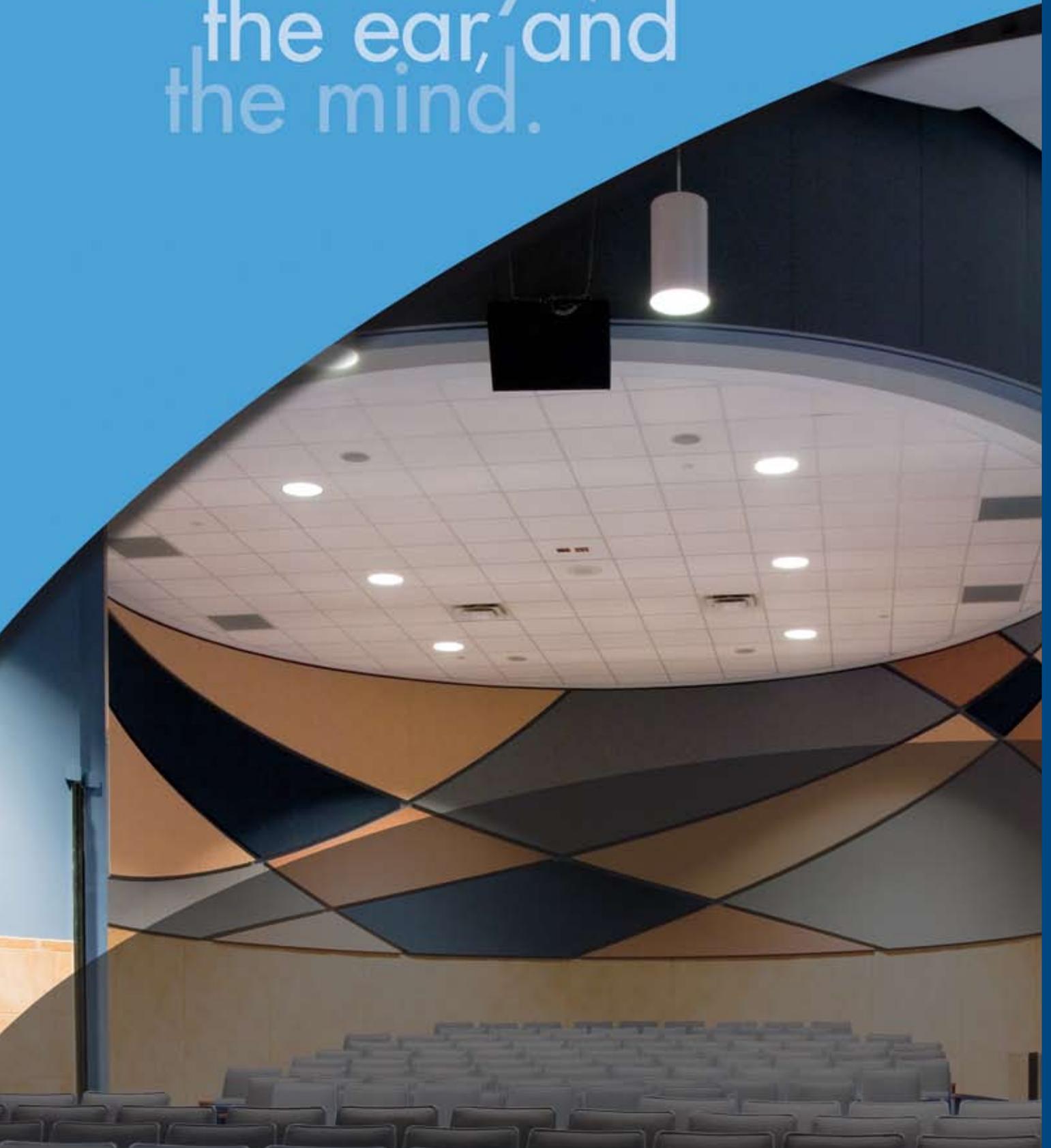
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CertainTeed Ceilings

Superior Environments

For the eye,
the ear, and
the mind.



CertainTeed Ceilings

Our commitment is to provide innovative acoustical ceiling and wall solutions that contribute to a superior environment for the eye, the ear, and the mind.



BUILD

Performance Series

A complete range of products, easy to cut and install, offering great value for performance needs.



DESIGN

CREATE

Designer Series

A superior lineup of solutions that combine striking design with excellent acoustical performance and also address a variety of functional issues for modern requirements.

Decoustics

Pushing the boundaries—or creating new ones. Decoustics offers designers ultimate creative flexibility in the fabrication of custom acoustical ceilings and walls.

Superior Design and Acoustical Performance

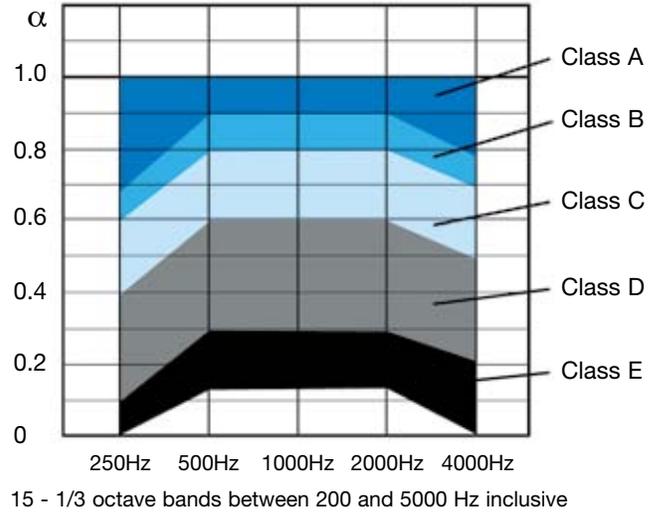
Good acoustics?

Acoustical comfort means better productivity, better learning, better healing...

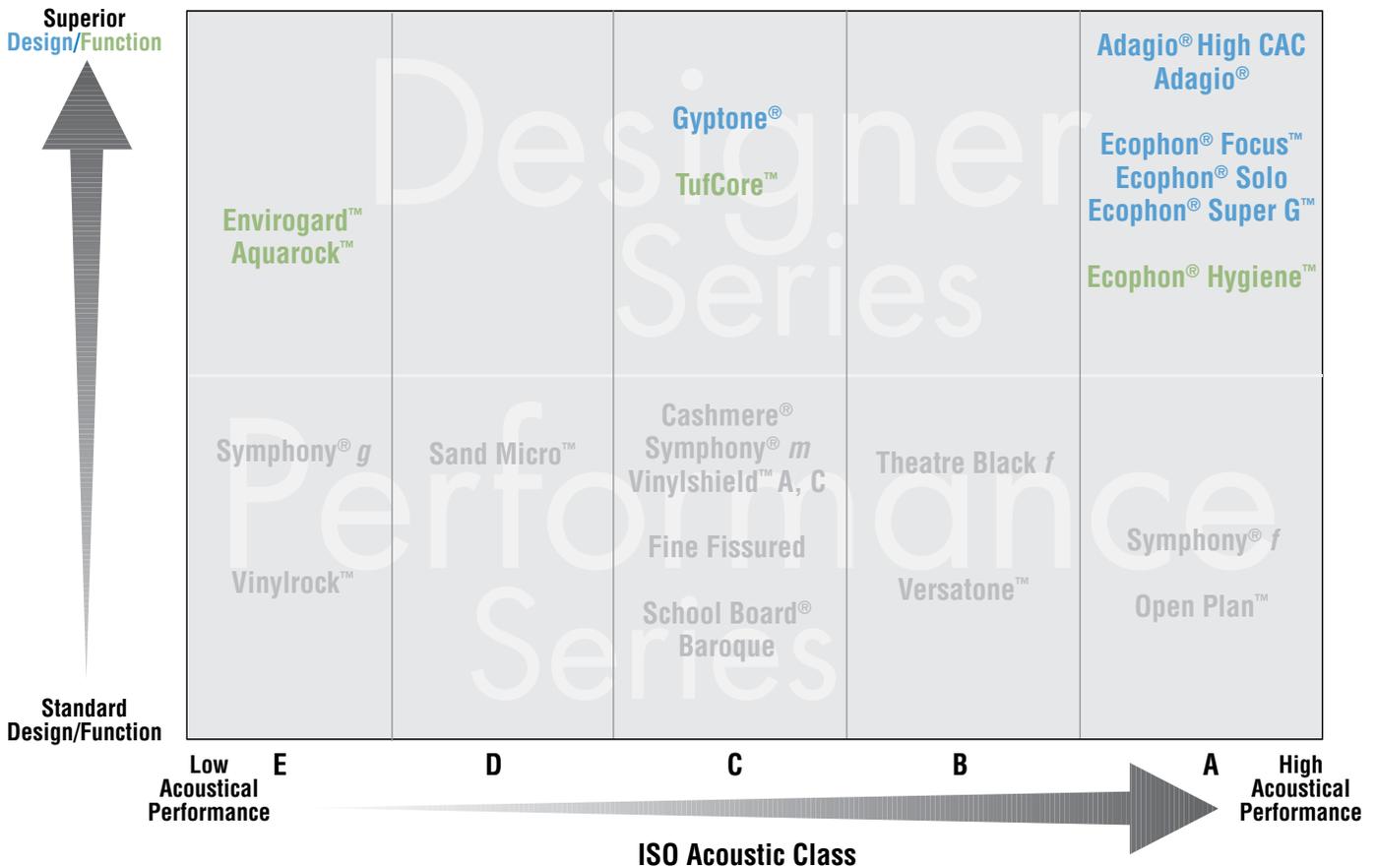
Acoustic comfort is achieved by reducing unwanted noise and echo (reverberation) through superior sound absorption. The best measure of sound absorption across a wide range of frequencies is the classification by the International Organization for Standards—ISO 11654 (The International Standard for Classification of Sound Absorbers).

Is your ceiling sound absorption Class A?

ISO 11654
Sound Absorption Ratings



Our Main Products—At A Glance



A Superior Customer Experience

CertainTeed has been a preferred manufacturer of architectural and building products for more than 100 years. Today, in addition to our innovative and comprehensive product range, our strengths include world class professional support and services as well as leadership in sustainable design.

Complete Ceiling and Wall Solutions

We are your source for custom ceiling fabrication, as well as manufactured panels, walls and suspension systems that meet all key performance requirements.

First Installation Assistance

Upon request, a qualified CertainTeed representative can be on hand the first time you install a Designer Series product—that is our First Installation Assistance Guarantee.

Durable Design

We are uncompromising on quality. Our products are built tough, and many are designed specifically to stand up to harsh demands such as mold, humidity and frequent cleaning.

Sustainability

As a member of the U.S. Green Building Council, CertainTeed Ceilings is a leader in the effort to provide building materials that promote sustainable design. Our efforts include ceiling panels with the highest recycled content in the industry, and a robust recycling program.

Definition of Terms

Product Icon Key

For ease of use, icons are used as a visual reference throughout this guide. These icons indicate standard features and availability of certain options for the products throughout this catalog. The following is a key to the definitions of the icons used.

- 
Color Availability
 Available in a wide variety of color options.
- 
Noise Reduction
 Exceptional sound absorption and/or attenuation.
- 
High Durability
 Superior surface resistance to damage from impact, scratching or scuffing.
- 
High Light Reflectance
 Light reflectance values of 0.83 and greater.
- 
Protectone®/UL Fire Resistance
 CertainTeed Protectone® ceilings have been tested and listed in specific UL design assemblies.
- 
Washable/Scrubbable
- 
Finishes
 Available in a wide variety of finishes.
- 
Resists Sagging
 Warranty against visible sag.
- 
Highly Decorative
- 
BioShield™
 Mold and mildew guard is standard on many products.
- \$\$\$\$ Relative Installed Cost**
 Intended as installed cost guideline showing relative values, which will vary according to geographic regions. One \$ being lowest and four \$ being the highest.

Warranty Icon Key

- 
10 year 104/90 Limited Warranty against visible sag
- 
10 year 104/95 Limited Warranty against visible sag
- 
Ecophon® 10 year Limited Warranty

Building Responsibly Icon Key

- 
Recycled content certified by Sustainable Solutions Corporation*
- 
Products with the Nordic Swan Eco-label meet extremely high environmental standards*

Installation Icon Key

- 
First Installation Assistance Guarantee

*See page 151 for more information

Definition of Terms

Product Categories

Protectone®

The CertainTeed trademark applied to ceiling products which have a reported Flame Spread Index of 25 or less and are classified by Underwriters Laboratories Inc. for use in specific time-rated floor-ceiling or roof-ceiling assemblies (ANSI/UL 263; ASTM E 119, UBC 7-1, NFPA251, CAN/ULC-S101M).

Safetone® Class A Products

Applies to all ceiling products which have a reported Flame Spread Index of 25 or less and a Smoke Developed Rating of 50 or less, as determined by ASTM E 84. (UL 723, UBC 8-1, NFPA255, CAN/ULC-S102M)

Product Terms

NRC (Noise Reduction Coefficient)

A measure of sound absorbed by a material. The single number designation represents the average of the sound absorption coefficients of a material at 250 Hz, 500 Hz, 1000 Hz, and 2000 Hz rounded to the nearest 0.05 when tested in accordance with ASTM C 423. Acoustical performance is Classified by Underwriters Laboratories Inc.

CAC (Ceiling Attenuation Class)

A measure of reduction in sound transmission via plenum path between two rooms determined in accordance with ASTM E 1414, and plotting decibel reduction (transmission loss) obtained at 16 frequencies against a standard reference curve, in accordance with ASTM E 413. Acoustical performance is Classified by Underwriters Laboratories Inc.

AC (Articulation Class)

A measure of the sound reflective characteristics of an acoustical material when used in conjunction with partial-height space dividers determined in accordance with ASTM E IIII and calculated in accordance with ASTM E IIII for each nominal interzone distance.

LD (Light Diffusion)

Diffusion insures optimal results from indirect lighting. High light diffusion results in reduced glare providing a more comfortable lighting.

LR (Light Reflectance)

The number designation indicating the percentage of light reflected from a ceiling product's surface, in accordance with ASTM E 1477.

BioShield™

Antimicrobial mold and mildew guard that resists the surface growth of mold and mildew. Standard on some specific products, optional on others. Consult your CertainTeed sales representative for details.

STC (Sound Transmission Class)

A single number rating of the transmission loss properties of a barrier panel (walls, partitions, doors and windows). Measured transmission loss data is plotted versus frequency and compared with standard contours according to rules outlined in ASTM E 90 and ASTM E 413. Composite partitions composed of elements such as doors and windows as well as walls will tend to have an STC close to the value of the lowest STC of any component.

Fine Tuning

Using similar aesthetic products in the same room, same offices, same building or same complex to achieve a consistent look while meeting various acoustical performance needs and budgets.

Applications

CertainTeed Ceilings' comprehensive product line offers a range of innovative acoustical ceiling systems and wall panels suitable for all applications throughout the entire ceiling space in any project.

From Hospitals to Airports to Class A Offices and beyond, CertainTeed Ceilings has the right product mix to create a superior environment that provides comfort for the eyes, ears and mind.



Office Complex

- Superior acoustic design for:
 - Increased privacy
 - Higher productivity
 - Better employee retention
- State-of-the-art design options where aesthetics matter
- Improved indoor air quality
- Parking garages where noise is isolated from facility

Public Lobby

Ecophon® Focus™	\$\$\$
Ecophon® Solo	\$\$\$
Cashmere® Style Edge	\$\$
Gyptone®	\$\$

Open Office

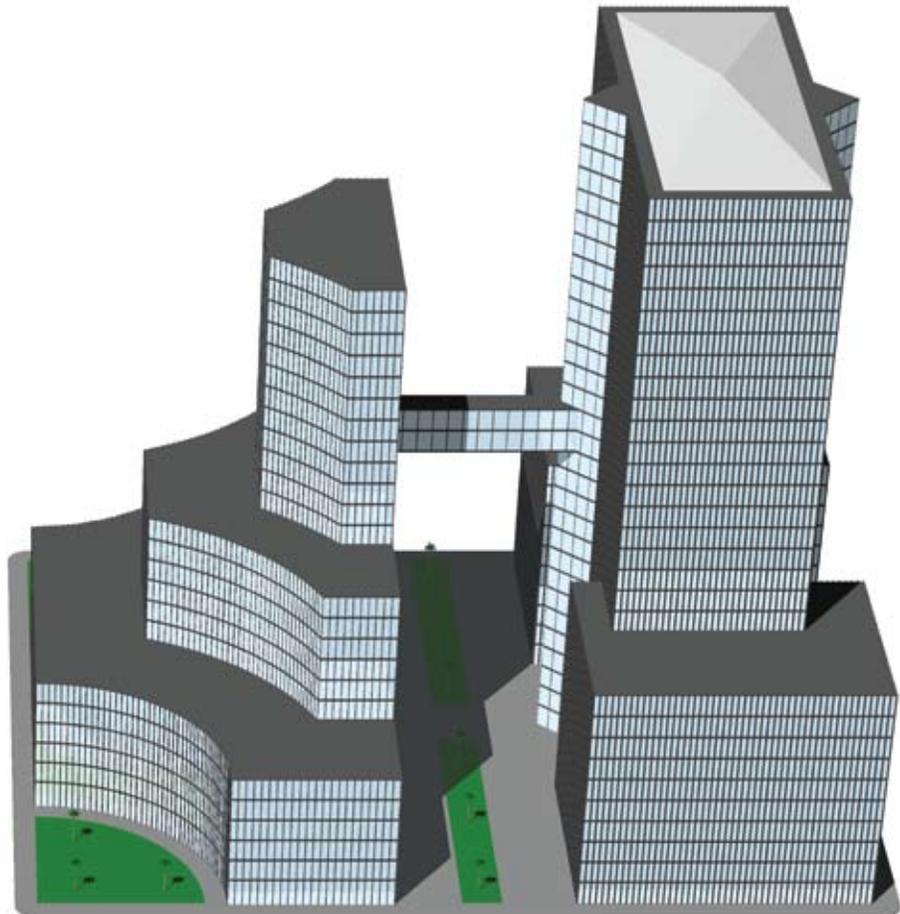
Ecophon® Focus™	\$\$\$
Symphony® <i>f</i>	\$\$
Open Plan™	\$\$

Private Office

Adagio®	\$\$\$
TufCore™	\$\$
Symphony® <i>m</i>	\$\$

Fine Tuning Conference Rooms

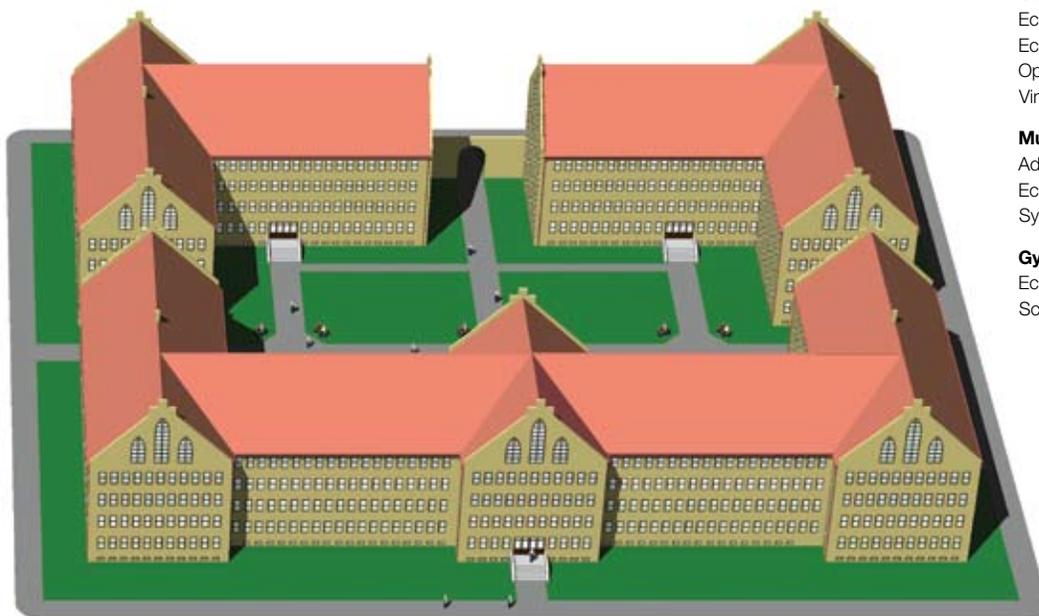
Adagio®	\$\$\$
Ecophon® Focus™	\$\$\$
Cashmere® High NRC	\$\$



Applications

Education

- Reduction in echo (reverberation time)
 - Per guidelines from American National Standards Institute (ANSI S12.60-2002)
 - Per guidelines from World Health Organization
- Exceed guidelines for indoor air quality per LEED 2004 for Schools
- Products and sizes to meet every budget
- Washable and sound absorbent products for food prep areas



Classroom

Ecophon® Master™	\$\$\$
Symphony® <i>f</i>	\$\$
Fine Fissured High NRC	\$\$

Corridors

School Board®	\$\$
Fine Fissured	\$
Sand Micro™	\$

Cafeteria

Ecophon® Focus™	\$\$\$
Ecophon® Hygiene™	\$\$-\$\$\$\$
Open Plan™	\$\$
VinylShield™	\$\$

Music Room

Adagio®	\$\$\$
Ecophon® Master™	\$\$\$
Symphony® <i>f, m, and g</i>	\$\$

Gym/Multipurpose

Ecophon® Super G™	\$\$\$\$
School Board®	\$\$

Applications



Healthcare

- Superior acoustic design for:
 - Improved privacy (HIPAA)
 - Reduction of medical errors
 - Enhanced healing
- Improved indoor air quality
- Washable and sound absorbent products for hygienic spaces

Patient Room

Ecophon® Hygiene™	\$\$-\$\$\$\$
Symphony® <i>m</i>	\$\$

Waiting Room

Ecophon® Focus™	\$\$\$
Gyptone®	\$\$
Symphony® <i>f</i>	\$\$
Cashmere®	\$\$

Operating Room

Ecophon® Hygiene™	\$\$-\$\$\$\$
-------------------------	---------------

Corridors

Symphony® <i>m</i>	\$\$
VinylShield™	\$\$

Exam Room/Doctor's Office

Adagio®	\$\$\$
Envirogard™	\$\$
Protectone® Fine Fissured	\$

NICUs

Adagio®	\$\$\$
Adagio® High CAC	\$\$\$
Ecophon® Hygiene™	\$\$-\$\$\$\$

Labs

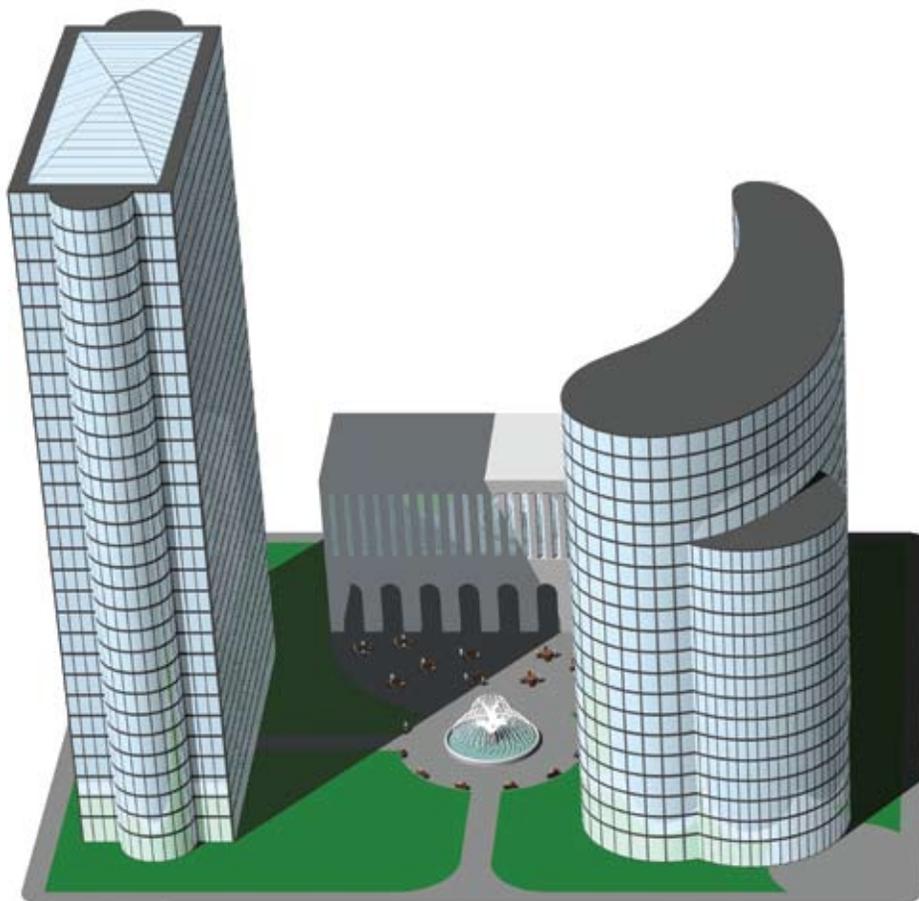
Adagio®	\$\$\$
Adagio® High CAC	?
Ecophon® Hygiene™	\$\$-\$\$\$\$



Applications

Technology/Research Centers

- Products capable of supporting the most aggressive cleaning regimen
- Sound absorbent products suitable for use as components in the strictest clean room design
- Superior acoustic design for:
 - Enhanced speech communication
 - Compliance with OSHA limits for noise exposure



Laboratory/Clean Room

Ecophon® Hygiene™\$-\$\$\$\$
Envirogard™ \$\$
VinylShield™ \$\$
Vinylrock™ \$

General Office

Cashmere® \$\$
Fine Fissured Customline® \$

Computer Room

Adagio® \$\$\$
TufCore™ \$\$
Symphony® <i>m</i> \$\$

Corridors

Symphony® <i>m</i> \$\$
Sand Micro™ \$

Applications



Transportation

- Superior acoustic design for:
 - Increased clarity of public address system
 - Substantially more quiet public spaces
- State-of-the-art design options where aesthetics matter
- Washable and sound absorbent products for food courts

Terminal

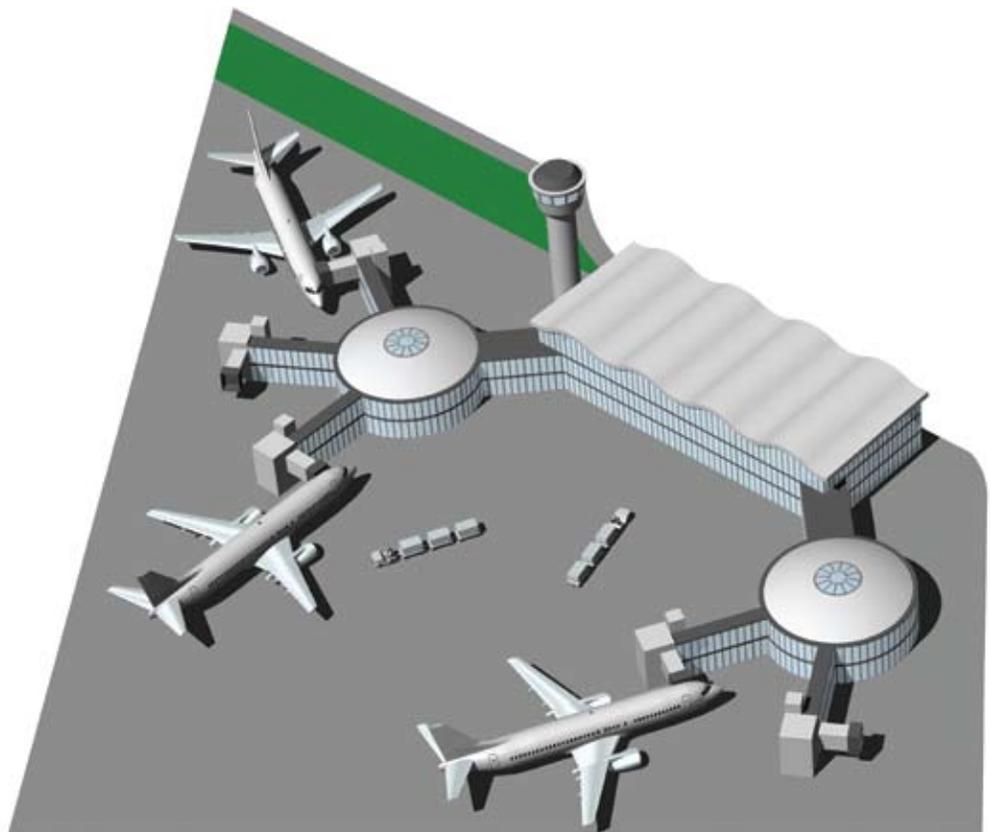
Ecophon® Focus™	\$\$\$
Symphony® <i>f</i>	\$\$
Symphony® <i>m</i>	\$\$
Gyptone®	\$\$

Parking Garage

Aquarock™	\$\$
Vinylrock™	\$

Food Court

Ecophon® Hygiene™	\$\$-\$\$\$\$
VinylShield™	\$\$
Vinylrock™	\$



Applications

Hospitality/Convention Center

- State-of-the-art design options where aesthetics matter
- Superior acoustic design for:
 - Substantially more quiet public spaces
 - Enhanced speech communication
- Washable and sound absorbent products for commercial kitchens
- Parking garages where noise is isolated from facility



Public Lobby

- Ecophon® Focus™ \$\$\$
- Gyptone® \$\$
- Cashmere® Style Edge \$\$
- Symphony® f \$\$

Commercial Kitchen

- Ecophon® Hygiene™ \$\$-\$\$\$\$
- VinylShield™ \$\$
- Vinylrock™ \$

Corridors

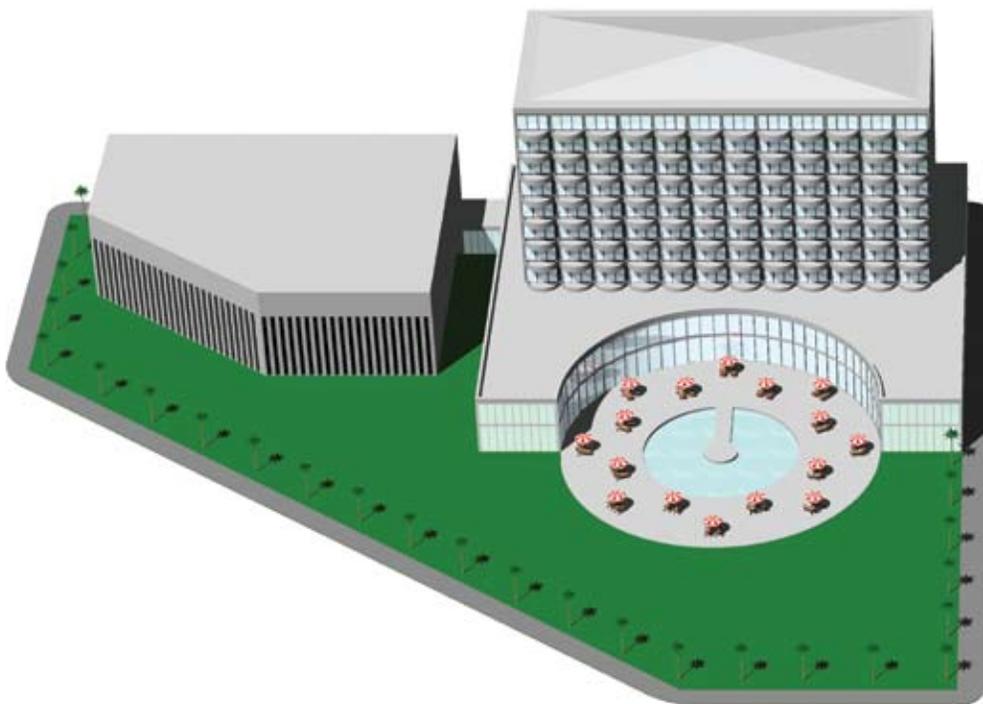
- Fine Fissured \$
- Sand Micro™ \$

Conference Rooms

- Adagio® \$\$\$
- Ecophon® Focus™ \$\$\$
- Cashmere® \$\$

Pool

- Aquarock® \$\$



Textures & Finishes

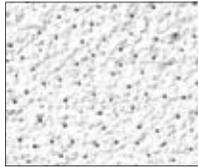
Fine Textures



Cashmere®
Cashmere® Customline®
Cashmere® Style Edge



Cashmere®
Shown in Beige Breeze



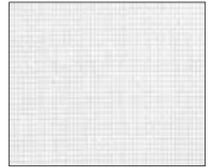
Cashmere® High NRC



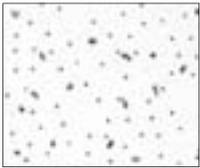
Ecophon® Focus™
Ecophon® Hygiene™
Ecophon® Master™
Ecophon® Solo



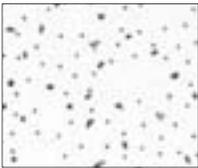
Ecophon® Focus™
Ecophon® Master™
*Shown in Silver Shadow
S4502-Y Color Option*



Ecophon® Super G



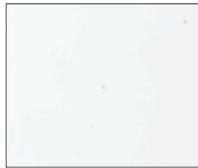
Fine Fissured
Fine Fissured Customline®



Fine Fissured
High NRC



Fine Fissured
Shown in Silver Lining



Gyptone® BASE 31™

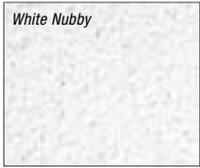


Sand Micro™



Sand Micro™ Customline®

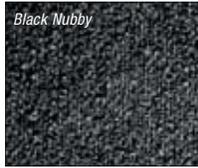
Fiberglass Fabrics and Mats



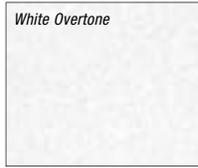
White Nubby
Adagio®
Open Plan™
TufCore™



Black Mat
Theatre Black f

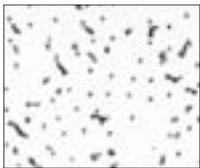


Black Nubby
Open Plan™

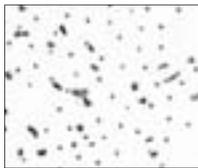


White Overtone
Adagio®
Symphony® f
Symphony® g
Symphony® m
TufCore™

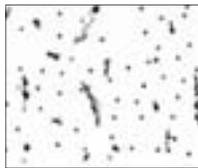
Medium Textures



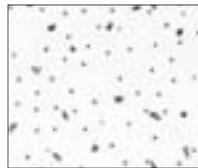
Baroque™



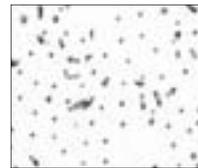
Baroque™ Customline®



Directional Fissured



School Board®

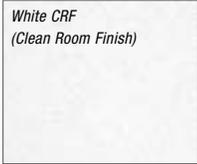


Vantage 10™

*Available on SELECT Ecophon®, Cashmere® and Fine Fissured products. See pages 16-17 for color options.

Textures & Finishes

Vinyl Finishes



White CRF
(Clean Room Finish)

Aquarock™
Envirogard™
Vinylrock™
VinylShield™ A, C



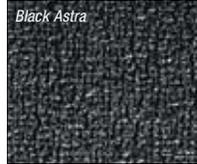
White Elite

Open Plan™
TufCore™



White Astra

Versatone™



Black Astra

Versatone™



White Stipple

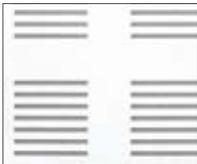
Versatone™



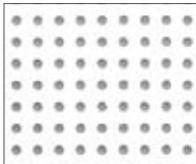
White Vintage

Versatone™

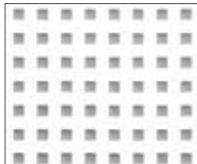
Decorative



Gyptone® LINE 4™



Gyptone® POINT 11™



Gyptone® QUATTRO 20™



Landmark™ Metal Ceilings

Colors

CertainTeed is proud to offer color options for ceiling panels, in a variety of textures, selected to complement design colors and finishes. From subtle to dramatic, the impact of the right ceiling color should not be underestimated. Designed to be directly in line with today's directions in color and design, CertainTeed's broad spectrum of hues and textures can provide the perfect finishing touch to your next project.

Note: The colors shown have been reproduced with all the fidelity possible with commercial printing processes. Also, a specific color may appear different on one class of product than another. For accuracy in color matching, ask for an actual sample to see the true color of the product you select.

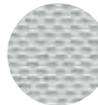
Designer Series Color Options

Ecophon® Focus™ and Master™

Specify the following colors for Ecophon® Focus™, Ecophon® Master™ and Ecophon® Solo products.

 <p>Nearest NCS color: S 0500-N Light reflectance 85%</p> <p>FT WHITE 500</p>	 <p>Nearest NCS color: S1010-Y60R Light reflectance 63%</p> <p>MISTY ROSE (MRO)</p>	 <p>Nearest NCS color: S1005-G10Y Light reflectance 75%</p> <p>PALE GARDEN (PGA)</p>	 <p>Nearest NCS color: S2010-Y Light reflectance 49%</p> <p>PURE OLIVE (POL)</p>	
 <p>Nearest NCS color: S2005-Y30R Light reflectance 49%</p> <p>SILENT SAND (SAN)</p>	 <p>Nearest NCS color: S4502-Y Light reflectance 33%</p> <p>SILVER SHADOW (SHD)</p>	 <p>Nearest NCS color: S7000-N Light reflectance 12%</p> <p>SOFT SLATE (SLA)</p>	 <p>Nearest NCS color: S1505-Y Light reflectance 67%</p> <p>VANILLA DREAM (VAN)</p>	 <p>Nearest NCS color: S2002-Y Light reflectance 59%</p> <p>VOLCANIC DUST (VOL)</p>

Ecophon® Super G™

 <p>Nearest NCS color: S 1002-Y Light reflectance 78%</p> <p>WHITE 085</p>	 <p>Nearest NCS color: S 3502-G Light reflectance 38%</p> <p>GREY 984</p>
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Colors

Performance Series Color Options

Performance Series Color Options

Specify color for select Cashmere®, Fine Fissured, Fine Fissured Customline® ceiling panels, and Classic Aluminum Capped Stab ceiling suspension systems.

Specify black for the following suspension system products: Classic Stab, Classic Hook, Elite Narrow Stab and Classic Aluminum Capped Hook.



BLONDEWOOD



BEIGE BREEZE



SILVER LINING



WET CLAY



WHITE WASH



BLACK

Custom Colors*

Need a specific color to match an existing or planned color scheme?

CertainTeed can custom match colors to enhance and complement your designs. Please consult your CertainTeed Sales Representative for details.

A specific color may appear differently from one product texture to another. For accuracy in color matching, ask for an actual sample to see the true color of the product you select. Consult your CertainTeed Sales Representative for availability, pricing and minimum quantities.



* Minimum quantity applies.

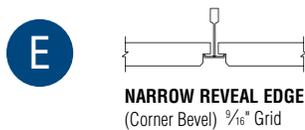
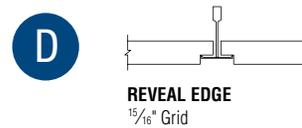
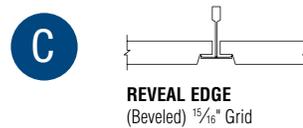
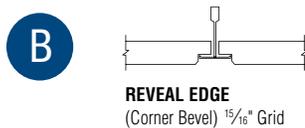
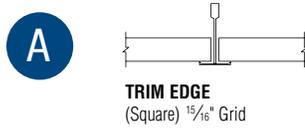
Edge Details

The panels within our systems are available with several specific edge designs. These designs are governed by two important parameters: the design expression of the whole ceiling and the degree of demountability.

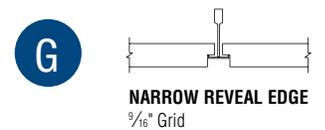
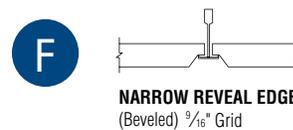
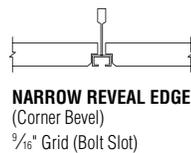
This overview presents the different design expressions and the major functions connected to each edge design. It will therefore help you find the right solution for these aspects.

Special edge configurations are available for a variety of suspension systems. Consult with your CertainTeed Sales Representative for details.

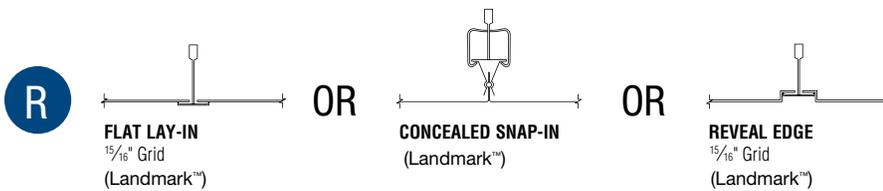
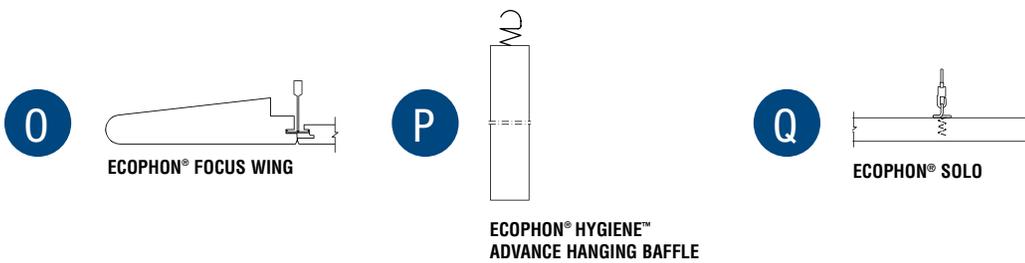
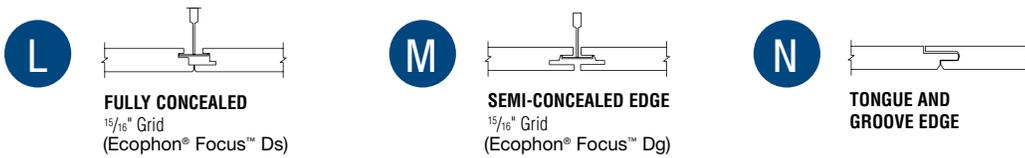
These labels are used in conjunction with the Product Selector charts on pages 20 – 23, and not for specification purposes.



OR



Edge Details



Product Selector

DESIGNER SERIES



PRODUCT NAME	FINE TEXTURE	MEDIUM TEXTURE	DECORATIVE	ASTM E 1264 CLASSIFICATION	MINERAL	FIBERGLASS	GYPSUM	COMPOSITE	PAINTED	VINYL FILM	PAINTED/DYED FIBERGLASS MAT	NOMINAL THICKNESS (INCHES) ¹	24" X 24"	24" X 48"	OTHER (INCHES, UNLESS NOTED OTHERWISE)	EDGE DETAIL AVAILABILITY (SEE EDGE DETAILS KEY ON PAGES 18-19)
					MATERIAL			FINISH			SIZES AVAILABLE					
Adagio®	•			Type XX	•	•		•	•		•	1-1/2	•	•		A, D, G
Adagio® High CAC	•			Type XX	•	•		•	•		•	1-1/2	•	•		A, D, G
Aquarock®	•			Type XX			•				•	1/2	•	•		A
Ecophon® Focus™ Dg	•			Type XII		•					•	3/4, 1	•	•	various	M
Ecophon® Focus™ Ds	•			Type XII		•					•	3/4	•	•	24 x 60/72/96 48x48	L
Ecophon® Focus™ F	•			Type XII		•					•	3/4			23.4 x 23.4 23.4 x 46.8	N
Ecophon® Focus™ Wing	•			Type XII		•					•	2			48 x 8	O
Ecophon® Hygiene™	•			Type XII		•					•	3/4	•	•		A
Ecophon® Hygiene™ Baffles	•			Type XII		•					•	1-1/2	•	•	600mm x 1200mm	P
Ecophon® Master™ A, E	•			Type XII		•					•	1-1/2	•	•	48 x 48	A, D
Ecophon® Solo	•			Type XII			•				•	1-1/2			1200mm x 1200mm 1200mm x 2400mm	Q
Ecophon® Super G™	•			Type XII		•					•	1-3/8	•	•		A
Envirogard™	•			Type XX			•				•	1/2	•	•		A
Gyptone® BASE 31™				Type XX			•		•			1/2	•			A, E
Gyptone® LINE 4™			•	Type XX			•		•			1/2	•			A, E
Gyptone® POINT 11™			•	Type XX			•		•			1/2	•			A, E
Gyptone® QUATTRO 20™			•	Type XX			•		•			1/2	•			A, E
TufCore™	•			Type XX		•	•	•			•	1-1/8	•	•		A, D, G

¹ SI units: 1" = 25.4mm

Product Selector

DESIGNER SERIES



PRODUCT NAME	PERFORMANCE ATTRIBUTES					CHARACTERISTICS					WARRANTY			POPULAR APPLICATIONS												
	RECYCLED CONTENT %	NOISE REDUCTION COEFFICIENT (NRC) ²	CEILING ATTENUATION CLASS (CAC) ²	ARTICULATION CLASS (AC)	LIGHT REFLECTANCE (LR) ²	HIGH DURABILITY	HIGHLY DECORATIVE	RESISTS SAGGING	WASHABLE/SCRUBBABLE	BIOSHIELD [®] MOLD/MILDEW GUARD	RELATIVE INSTALLED COST ³	WEIGHT LBS./FT. ² (KG/M ²)	10 YEAR 104/90 LIMITED WARRANTY	10 YEAR 104/95 LIMITED WARRANTY	10 YEAR ECOPHON WARRANTY	HOSPITALITY	CLEAN ROOM/LABORATORY	RETAIL	OFFICES	EDUCATION	HEALTHCARE	RESTAURANTS	THEATERS	FOOD PREPARATION	INDOOR PARKING GARAGE	TRANSPORTATION
Adagio [®]	37	0.90	36-38	190-200	0.84-0.90			•	•	•	\$\$\$	1.60 (7.81)	•						•	•	•	•	•			
Adagio [®] High CAC	62	0.80	40-42	190-200	0.84-0.90			•	•	•	\$\$\$	1.60 (7.81)	•						•	•	•	•	•			
Aquarock [®]	0	—	40-42	—	0.78	•		•	•		\$\$	2.00 (9.76)		•						•	•	•	•	•	•	•
Ecophon [®] Focus™ Dg	71	0.90	—	180	0.85	•	•	•			\$\$\$	0.25-0.55 (1.22-2.69)		•	•				•	•	•	•	•			•
Ecophon [®] Focus™ Ds	71	0.85	25	180	0.85	•	•	•			\$\$\$\$	0.25-0.55 (1.22-2.69)		•	•				•	•	•	•	•			•
Ecophon [®] Focus™ F	71	0.80	—	—	0.85	•	•	•			\$\$\$	0.25-0.55 (1.22-2.69)		•	•				•	•	•	•	•			
Ecophon [®] Focus™ Wing	71	—	—	—	0.85	•	•	•			\$\$\$\$	0.25-0.55 (1.22-2.69)		•	•				•	•	•	•	•			
Ecophon [®] Hygiene™	71	0.85-0.95	21	170	0.84	•		•			\$\$-\$\$\$\$	0.25 (1.22)		•	•				•	•	•	•	•			•
Ecophon [®] Hygiene™ Baffles	71	1.00	—	—	0.73	•		•			\$\$\$	0.25 (1.22)		•	•					•	•	•	•			
Ecophon [®] Master™ A, E	71	0.95	30-31	190-200	0.85	•		•			\$\$\$	0.45-0.65 (2.20-3.17)		•						•	•	•	•			•
Ecophon [®] Solo	71	0.95	—	—	0.85		•	•			\$\$\$	0.45-0.65 (2.20-3.17)		•					•	•	•	•	•			
Ecophon [®] Super G™	71	0.90	30	—	0.78	•		•			\$\$\$\$	0.50 (2.44)		•						•	•	•	•	•		•
Envirogard	0	—	38-40	—	0.78	•		•	•		\$\$	2.00 (9.76)	•		•	•					•	•	•	•		
Gyptone [®] BASE 31™	85	—	35	—	0.82	•	•	•			\$\$	1.84 (8.98)	•		•				•	•	•	•	•			•
Gyptone [®] LINE 4™	85	0.70	35	—	0.70	•	•	•			\$\$	1.64 (8.01)	•		•				•	•	•	•	•			•
Gyptone [®] POINT 11™	85	0.80	35	—	0.71	•	•	•			\$\$	1.64 (8.01)	•		•				•	•	•	•	•			•
Gyptone [®] QUATTRO 20™	85	0.75	35	—	0.71	•	•	•			\$\$	1.64 (8.01)	•		•				•	•	•	•	•			•
TufCore™	3-4	0.65	38-40	—	0.82-0.90	•		•	•		\$\$	2.20 (10.74)	•		•				•	•	•	•	•			

² Values listed for most popular sizes. Actual values may vary as other sizes and/or features are selected.

³ Relative cost – Dollar signs (\$) are representative of relative values for installed cost of CertainTeed ceiling panels. One \$ sign represents the lowest installed cost as compared to \$\$\$\$\$. Actual values will vary according to geographic region.

⁴ S-Standard, O-Optional

Product Selector

PERFORMANCE SERIES



PRODUCT NAME	FINE TEXTURE	MEDIUM TEXTURE	DECORATIVE	ASTM E 1264 CLASSIFICATION	MINERAL FIBERGLASS	GYPSUM	OTHER	PAINTED	VINYL FILM	PAINTED/DYED FIBERGLASS MAT	NOMINAL THICKNESS (INCHES) ¹	SIZES AVAILABLE			EDGE DETAIL AVAILABILITY (SEE EDGE DETAILS KEY ON PAGES 18-19)
												24" X 24"	24" X 48"	OTHER (INCHES)	
					MATERIAL			FINISH							
Baroque™	•			Type III, Form 2	•			•			5/8	•	•		A, C, E
Baroque™ Customline®		•		Type III, Form 2	•			•			3/4		•		C, F
Cashmere®	•			Type III, Form 1	•			•			3/4	•	•		A, C, E
Cashmere® Customline®	•		•	Type III, Form 1	•			•			3/4		•		C, F
Cashmere® High NRC	•			Type III, Form 1	•			•			3/4	•	•		A, C, E
Cashmere® Style Edge			•	Type III, Form 1	•			•			3/4	•			H, I, J, K
Directional Fissured		•		Type III, Form 2	•			•			5/8	•	•		A
Fine Fissured	•			Type III, Form 2	•			•			5/8, 3/4	•	•		A, C, E
Fine Fissured Customline®			•	Type III, Form 2	•			•			3/4		•		B, F
Fine Fissured High NRC	•			Type III, Form 2	•			•			3/4	•	•		A, C
Landmark™			•	NA			•				—	•	•	24 x 96	R
Open Plan™	•			Type XII, Form 1 or 2		•			•	•	1, 1-1/2, 3	•	•	Various	A, D, G
Sand Micro™	•			Type III, Form 2	•			•			5/8	•	•		A, C, E
Sand Micro™ Customline®			•	Type III, Form 2	•			•			3/4		•		C
School Board®		•		Type III, Form 2	•			•			5/8	•	•		A
Symphony® <i>f</i>	•			Type XII, Form 2		•		•			3/4, 1, 1-1/2	•	•	Various	A, D, G
Symphony® <i>g</i>	•			Type XX		•		•			1/2	•	•		A
Symphony® <i>m</i>	•			Type IV, Form 2	•			•			3/4	•	•		A, B, D, E, G
Theatre Black <i>f</i>			•	Type XII, Form 2		•				•	5/8, 1	•	•		A
Vantage 10™		•		Type III, Form 2	•			•			5/8	•	•		A, C, E
Versatone™	•			Type XII, Form 1		•		•			5/8	•	•		A
Vinylrock™	•			Type XX		•			•		1/2	•	•		A
VinylShield™ A, C	•			Type X	•				•		5/8	•	•		A

¹ SI units: 1" = 25.4mm



As part of the CertainTeed Ceilings family, Decoustics is an international leader in the design, engineering and manufacture of custom acoustical ceiling and wall systems. Decoustics offers a wide choice of ceiling products in standard or highly customized curved and complex shapes with a wide variety of contemporary finishes, coatings and natural veneered woods. Various mounting methods provide design flexibility and quick, easy installation.

decoustics

SAINT-GOBAIN

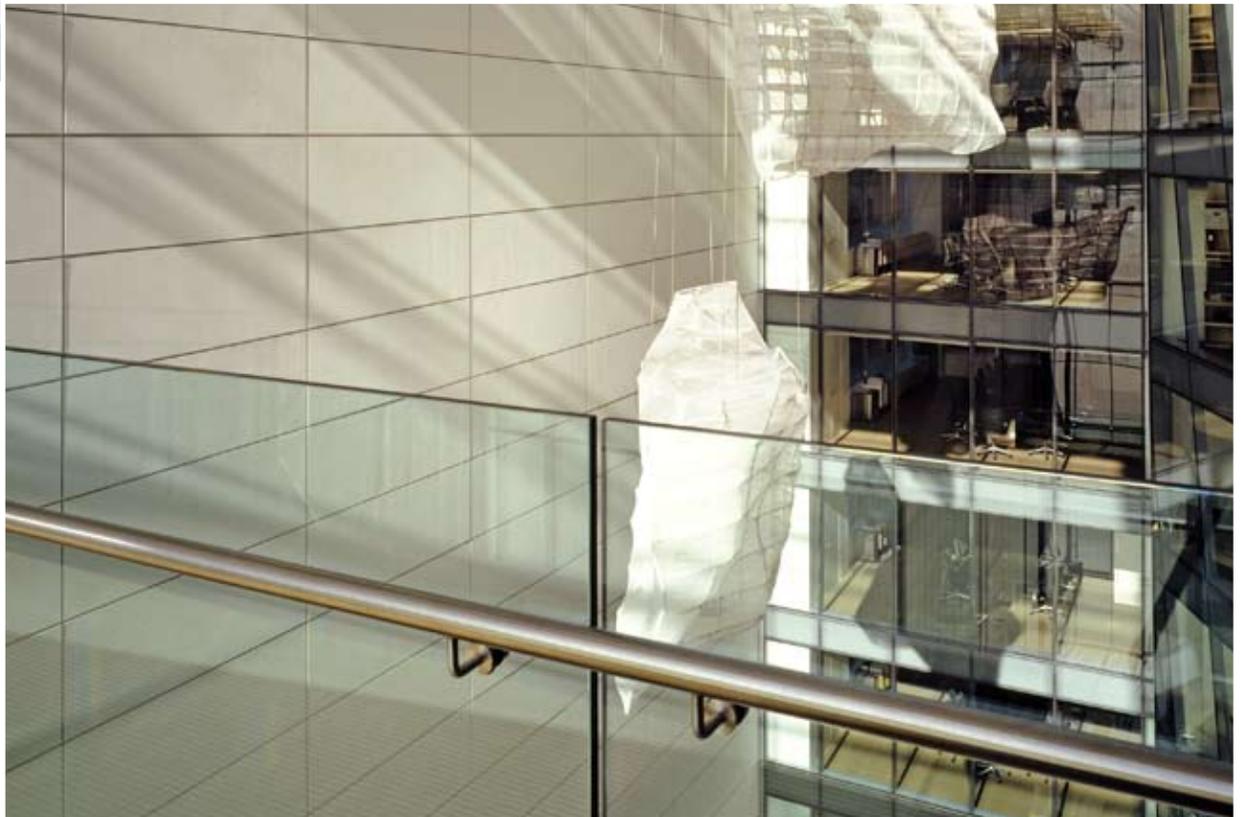


P E R F O R M A N C E

I N N O V A T I O N



DECOUSTICS



S E R V I C E

A R T I S T R Y

DECOUSTICS



F U N C T I O N





Decoustics Limited

61 Royal Group Crescent
Woodbridge, Ontario
L4H 1X9 - Canada
Tel. (416) 675-3983

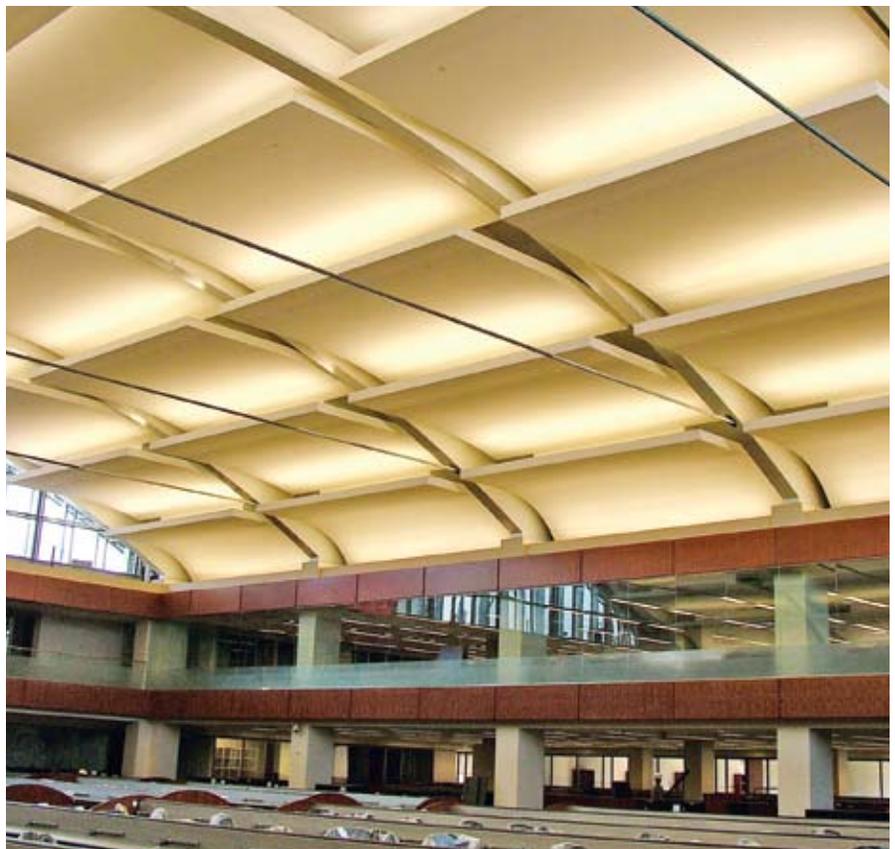
P.O. Box 615 Getzville, NY
14068-0615 - USA

1-800-387-3809
Fax. (416) 675-5546
sales@decoustics.com

Saint-Gobain Decoustics Limited

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Chivers Way
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United Kingdom CB4 9AD
Tel. 0044-1223-257-701
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www.decoustics.com







Designer Series

Adagio®

DESIGNER SERIES

Fiberglass/Mineral Fiber Ceilings

Features & Benefits:

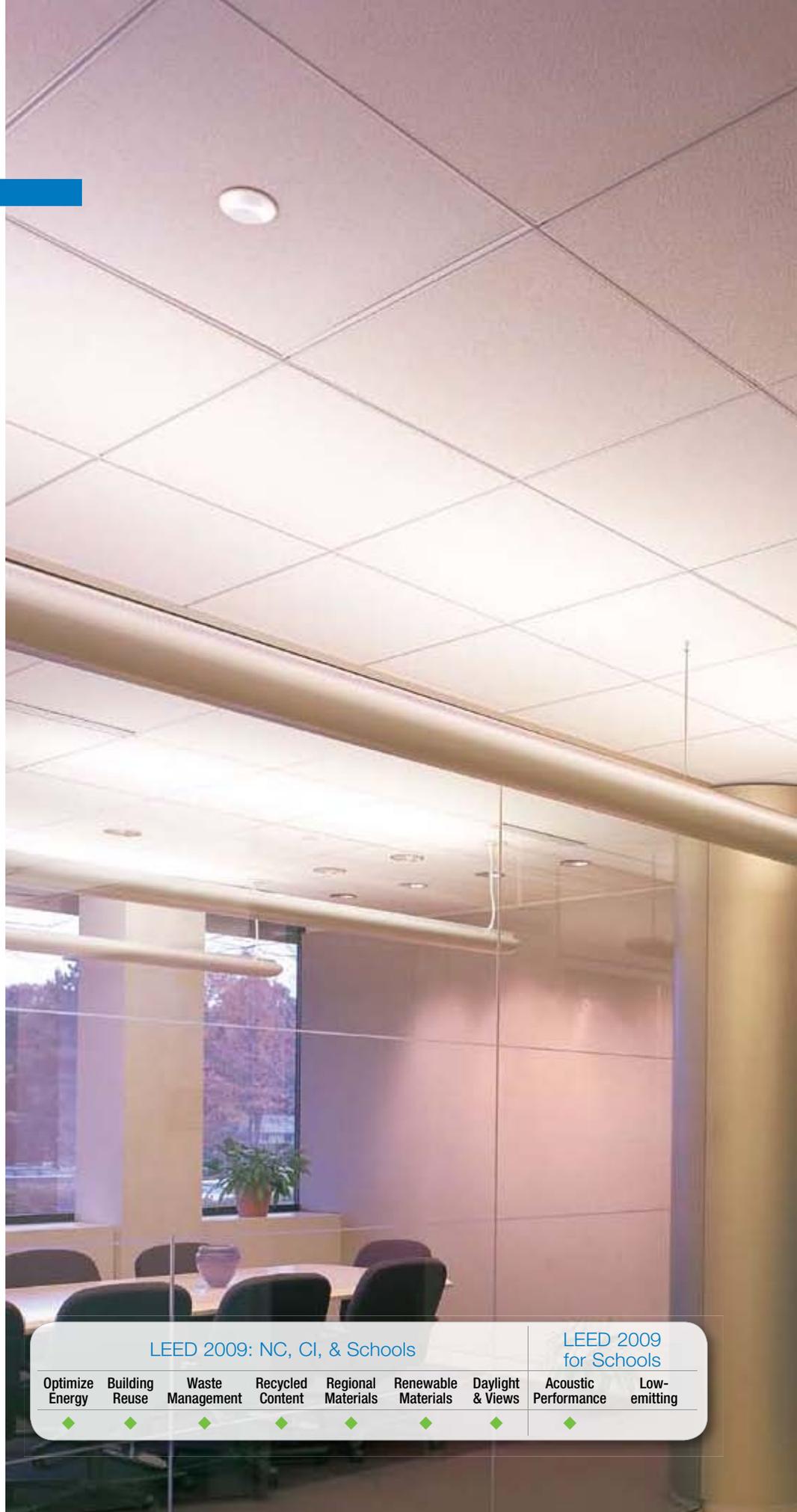
- Unique composite panel with optimum sound absorption and attenuation.
- Encapsulated fiberglass layer provides exceptional sound absorption and acoustic comfort (0.90 NRC—Class A absorber).
- Mineral backboard offers highly effective sound containment (CAC 36-38).
- Can enhance space privacy compliance (HIPAA, GLBA).
- Overtone® finish features extremely high light reflectance.
- Mix with other Overtone® finish products for Fine Tuning capabilities (page 143).
- Meets LEED Innovation in Design credit 1.

Applications:

- Professional Private Office
- Medical Treatment Room
- Conference Room
- Music Room

Relative Installed Cost:

\$\$\$\$



LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆	◆	◆	◆	◆	◆	◆	◆	



Attributes:

ITEM NUMBER	NOMINAL SIZE* (Inches)	EDGE DETAIL	NRC	CAC	R-Value	AC	LR	RECYCLED CONTENT %	ISO SOUND ABSORPTION CLASS	
SAFETONE® CLASS A										
ADAGIO®										
White Overtone®								Post	Pre	
1662-OVT-1	24 x 24 x 1.5	Trim	0.90	36	5.3	200	0.90	27	10	A
1662B-OVT-1	24 x 24 x 1.5	Reveal	0.90	36	5.3	200	0.90	27	10	A
1662F-OVT-1	24 x 24 x 1.5	Narrow Reveal	0.90	36	5.3	200	0.90	27	10	A
1660-OVT-1	24 x 48 x 1.5	Trim	0.90	38	5.3	200	0.90	27	10	A
1660B-OVT-1	24 x 48 x 1.5	Reveal	0.90	38	5.3	200	0.90	27	10	A
1660F-OVT-1	24 x 48 x 1.5	Narrow Reveal	0.90	38	5.3	200	0.90	27	10	A
White Nubby										
1662-NBY-1	24 x 24 x 1.5	Trim	0.90	36	5.3	200	0.84	27	10	A
1662B-NBY-1	24 x 24 x 1.5	Reveal	0.90	36	5.3	200	0.84	27	10	A
1662F-NBY-1	24 x 24 x 1.5	Narrow Reveal	0.90	36	5.3	200	0.84	27	10	A
1660-NBY-1	24 x 48 x 1.5	Trim	0.90	38	5.3	200	0.84	27	10	A
1660B-NBY-1	24 x 48 x 1.5	Reveal	0.90	38	5.3	200	0.84	27	10	A
1660F-NBY-1	24 x 48 x 1.5	Narrow Reveal	0.90	38	5.3	200	0.84	27	10	A

ASTM E 1264 Classification: Type XX, Pattern E, Fire Class A;
additional sizes available upon request

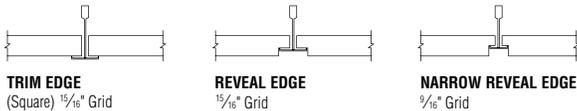
*Also available in metric

WHITE NUBBY - NBY-1

WHITE OVERTONE - OVT-1

DESIGNER SERIES

Edge Details:



Product Features at a Glance:

- FINISHES
- HIGH LIGHT REFLECTANCE
- NOISE REDUCTION
- RESISTS SAGGING
- BIOSHIELD™ BIOSHIELD TREATMENT INCLUDED FOR ADDED MOLD AND MILDEW RESISTANCE.
- WASHABLE/ SCRUBBABLE†

† In Overtone finish only



Adagio® High CAC

DESIGNER SERIES

Fiberglass/Mineral Fiber Ceilings

Features & Benefits:

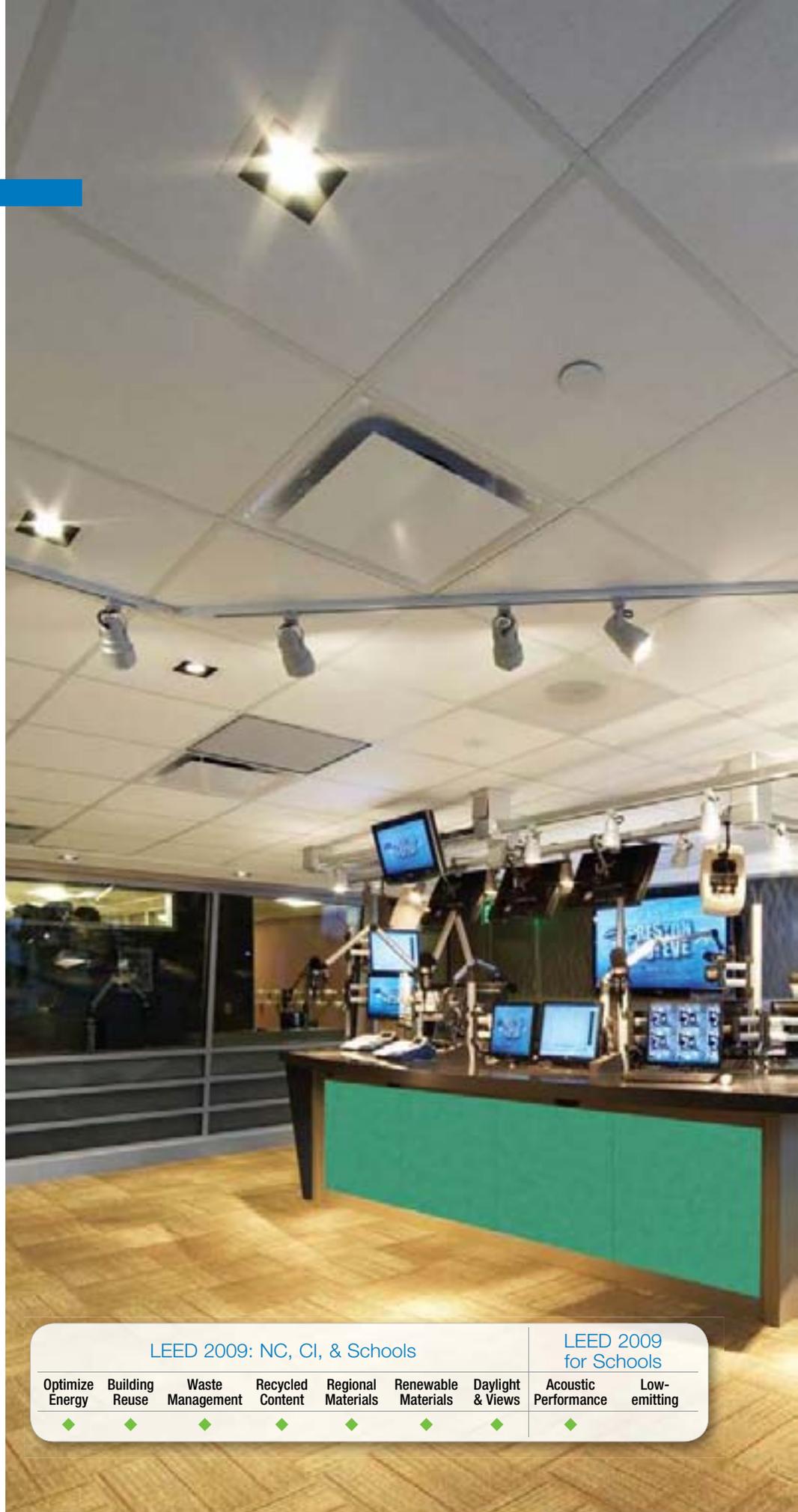
- Unique composite panel with optimum sound absorption and attenuation.
- Encapsulated fiberglass layer provides exceptional sound absorption and acoustic comfort (0.80 NRC—Class A absorber).
- Mineral backboard offers highly effective sound containment (CAC 40-42).
- Can enhance space privacy compliance (HIPAA, GLBA).
- Overtone® finish features extremely high light reflectance.
- Mix with other Overtone® finish products for Fine Tuning capabilities (page 143).
- Meets LEED Innovation in Design credit 1.

Applications:

- Professional Private Office
- Medical Treatment Room
- Conference Room
- Music Room

Relative Installed Cost:

\$\$\$\$



LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆	◆	◆	◆	◆	◆	◆

LEED 2009 for Schools

Acoustic Performance	Low-emitting
◆	

Adagio® High CAC

DESIGNER SERIES

Fiberglass/Mineral Fiber Ceilings



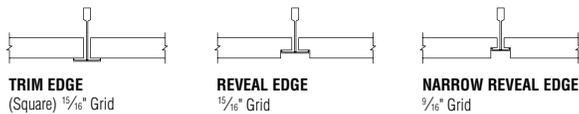
Attributes:

ITEM NUMBER	NOMINAL SIZE* (Inches)	EDGE DETAIL	NRC	CAC	R-Value	AC	LR	RECYCLED CONTENT %	ISO SOUND ABSORPTION CLASS	
SAFETONE® CLASS A ADAGIO® HIGH CAC										
								Post	Pre	
White Overtone®										
HCAC 1672-OVT-1	24 x 24 x 1.5	Trim	0.80	40	5.0	190	0.90	16	46	A
HCAC 1672B-OVT-1	24 x 24 x 1.5	Reveal	0.80	40	5.0	190	0.90	16	46	A
HCAC 1672F-OVT-1	24 x 24 x 1.5	Narrow Reveal	0.80	40	5.0	190	0.90	16	46	A
HCAC 1670-OVT-1	24 x 48 x 1.5	Trim	0.80	42	5.0	190	0.90	16	46	A
HCAC 1670B-OVT-1	24 x 48 x 1.5	Reveal	0.80	42	5.0	190	0.90	16	46	A
HCAC 1670F-OVT-1	24 x 48 x 1.5	Narrow Reveal	0.80	42	5.0	190	0.90	16	46	A
White Nubby										
HCAC 1672-NBY-1	24 x 24 x 1.5	Trim	0.80	40	5.0	190	0.84	16	46	A
HCAC 1672B-NBY-1	24 x 24 x 1.5	Reveal	0.80	40	5.0	190	0.84	16	46	A
HCAC 1672F-NBY-1	24 x 24 x 1.5	Narrow Reveal	0.80	40	5.0	190	0.84	16	46	A
HCAC 1670-NBY-1	24 x 48 x 1.5	Trim	0.80	42	5.0	190	0.84	16	46	A
HCAC 1670B-NBY-1	24 x 48 x 1.5	Reveal	0.80	42	5.0	190	0.84	16	46	A
HCAC 1670F-NBY-1	24 x 48 x 1.5	Narrow Reveal	0.80	42	5.0	190	0.84	16	46	A

ASTM E 1264 Classification: Type XX, Pattern E, Fire Class A;
additional sizes available upon request

*Also available in metric

Edge Details:



Product Features at a Glance:

-  FINISHES
-  HIGH LIGHT REFLECTANCE
-  NOISE REDUCTION
-  RESISTS SAGGING
-  BIOSHIELD™
BIOSHIELD TREATMENT INCLUDED FOR ADDED MOLD AND MILDEW RESISTANCE.
-  WASHABLE/ SCRUBBABLE†

† In Overtone finish only



Aquarock™

DESIGNER SERIES

Gypsum Ceilings

Features & Benefits:

- Made with proprietary moisture, mold, and impact-resistant, glass-reinforced gypsum substrate.
- Sag resistant with exceptional indoor/outdoor performance in applications up to 95% relative humidity.
- Clean room facing (CRF) vinyl faced.
- Scrub tested to 2000+ cycles with no sign of wear.
- Suitable clean room component to ISO class 5 (class 100).
- Satisfies USDA/FSIS guidelines for sanitary applications.
- Approved for use in federally registered Canadian food establishments.

Applications:

- Parking Garages
- Pools
- Commercial Kitchens
- Locker Rooms
- Shower Rooms

Relative Installed Cost:

\$\$\$\$



DESIGNER SERIES

LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆	◆	◆		◆		◆

LEED 2009 for Schools

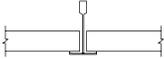
Acoustic Performance	Low-emitting
	◆

Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	LR	RECYCLED CONTENT %	
SAFETONE® CLASS A							
White CRF						Post	Pre
1182-CRF-1	24 x 24 x 1/2	Trim	—	40	0.78	0	0
1180-CRF-1	24 x 48 x 1/2	Trim	—	42	0.78	0	0

ASTM E 1264 Classification: Type XX, Pattern G, Fire Class A

Edge Detail:



TRIM EDGE
(Square) 1/8" Grid

Finish:



WHITE CRF
CRF-1

Product Features at a Glance:

- HIGH DURABILITY
- NOISE REDUCTION
- RESISTS SAGGING
- WASHABLE/ SCRUBBABLE

DESIGNER SERIES



Ecophon® Focus™ Dg

DESIGNER SERIES

High Density Fiberglass Ceilings

Features & Benefits:

- Superior sound absorption.
- Semi-concealed suspension yet easy to access.
- Minimal installation clearance requirement permits maximum ceiling height
- 5/16" narrow space between panels.
- Suitable clean room component to ISO class 5 (class 100).
- Wide selection of sizes.
- Akutex FT white finish has perfect light diffusion (+99%).
- Available in 9 colors (see pg. 16).
- Moisture resistant.
- Unique downward access greatly limits panel damage from repeated plenum access.
- Recommended by Swedish Asthma and Allergy Association.

Applications:

- Public Lobbies
- Conference Rooms
- Offices
- Galleries
- Libraries
- Resorts

Relative Installed Cost:

\$\$\$\$



DESIGNER SERIES

LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆	◆	◆	◆			◆

LEED 2009 for Schools

Acoustic Performance	Low-emitting
◆	◆

CertainTeed
SAINT-GOBAIN

Ecophon® Focus™ Dg

DESIGNER SERIES

High Density Fiberglass Ceilings



Ecophon®
SAINT-GOBAIN

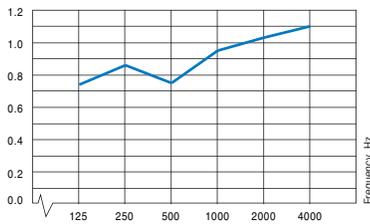
DESIGNER SERIES

Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	AC	LR	RECYCLED CONTENT %		ISO SOUND ABSORPTION CLASS
							Post	Pre	
ECOPHON® FOCUS™ Dg									
3542 1560	24 x 24 x 3/4	Semi-Concealed	0.90	—	180	0.85	70	1	A
3542 1561	24 x 48 x 3/4	Semi-Concealed	0.90	—	180	0.85	70	1	A
3542 1565	48 x 48 x 1	Semi-Concealed	0.90	—	180	0.85	70	1	A
ECOPHON® FOCUS™ Dg XL									
3542 1562	24 x 60 x 3/4	Semi-Concealed	0.90	—	180	0.85	70	1	A
3542 1563	24 x 72 x 3/4	Semi-Concealed	0.90	—	180	0.85	70	1	A
3542 1564	24 x 96 x 3/4	Semi-Concealed	0.90	—	180	0.85	70	1	A

ASTM E 1264 Classification: Type XII, Form 2, Pattern G, Fire Class A

Acoustics:



SOUND ABSORPTION: Test results according to ASTM C 423.

o.d.s = overall depth of system

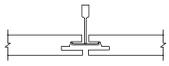
— Ecophon® Focus™ Dg (3/4") 400 mm o.d.s.

UNIT SIZE TESTED (Inches)	SOUND ABSORPTION COEFFICIENTS – E-400 MOUNTING					
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
ECOPHON® FOCUS™ Dg						
24 x 24 x 3/4	0.73	0.85	0.74	0.94	1.02	1.09



SECTION OF FOCUS™ Dg SYSTEM

Edge Detail:



SEMI-CONCEALED EDGE
1/8" Grid

Product Features at a Glance:

- COLOR AVAILABILITY
- HIGHLY DECORATIVE
- HIGH DURABILITY
- HIGH LIGHT REFLECTANCE
- NOISE REDUCTION
- RESISTS SAGGING



For detailed installation instructions, visit www.certainteed.com/ceilings

CertainTeed
SAINT-GOBAIN

Ecophon® Focus™ Ds

DESIGNER SERIES

High Density Fiberglass Ceilings

Features & Benefits:

- Superior sound absorption.
- Fully concealed suspension yet easy to access.
- Monolithic surface simulates drywall finish.
- Suitable clean room component to ISO class 5 (class 100).
- Akutex FT white finish has perfect light diffusion (+99%).
- Wide selection of sizes.
- Available in 9 colors (see pg. 16).
- Moisture resistant.
- Unique downward access greatly limits panel damage from repeated plenum access.
- Recommended by Swedish Asthma and Allergy Association.

Applications:

- Public Lobbies
- Conference Rooms
- Offices
- Galleries
- Libraries
- Resorts

Relative Installed Cost:

\$\$\$\$



LEED 2009: NC, CI, & Schools							LEED 2009 for Schools	
Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆	◆	◆	◆			◆	◆	◆

Ecophon® Focus™ Ds

DESIGNER SERIES

High Density Fiberglass Ceilings



Ecophon®
SAINT-GOBAIN

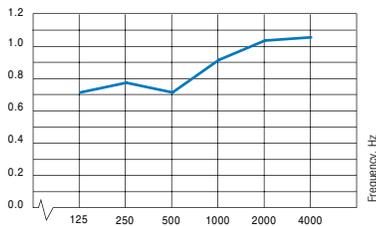
DESIGNER SERIES

Attributes:

ITEM NUMBER	ACTUAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	AC	LR	RECYCLED CONTENT %		ISO SOUND ABSORPTION CLASS
							Post	Pre	
ECOPHON® FOCUS™ Ds									
3542 1511	24 x 24 x 3/4	Fully Concealed	0.85	25	180	0.85	70	1	A
3542 1512	24 x 48 x 3/4	Fully Concealed	0.85	25	180	0.85	70	1	A
3542 1516	48 x 48 x 3/4	Fully Concealed	0.85	25	180	0.85	70	1	A
ECOPHON® FOCUS™ Ds XL									
3542 1513	24 x 60 x 3/4	Fully Concealed	0.85	25	180	0.85	70	1	A
3542 1514	24 x 72 x 3/4	Fully Concealed	0.85	25	180	0.85	70	1	A
3542 1515	24 x 96 x 3/4	Fully Concealed	0.85	25	180	0.85	70	1	A

ASTM E 1264 Classification: Type XII, Form 2, Pattern G, Fire Class A

Acoustics:



SOUND ABSORPTION: Test results according to ASTM C 423.

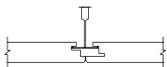
o.d.s = overall depth of system

— Ecophon® Focus™ Ds 400 mm o.d.s.

UNIT SIZE TESTED (Inches)	SOUND ABSORPTION COEFFICIENTS – E-400 MOUNTING					
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
ECOPHON® FOCUS™ Ds						
24 x 24 x 3/4	0.71	0.77	0.71	0.91	1.03	1.05



Edge Detail:



FULLY CONCEALED
1⁵/₁₆" Grid



SECTION OF FOCUS™ Ds SYSTEM

Product Features at a Glance:

- COLOR AVAILABILITY
- HIGHLY DECORATIVE
- HIGH DURABILITY
- HIGH LIGHT REFLECTANCE
- NOISE REDUCTION
- RESISTS SAGGING



For detailed installation instructions, visit www.certainteed.com/ceilings

CertainTeed
SAINT-GOBAIN

Ecophon® Focus™ F

DESIGNER SERIES

High Density Fiberglass Ceilings

Features & Benefits:

- Superior sound absorption.
- Direct attachment by glue or concrete screws or indirect attachment to wood furring.
- Monolithic surface simulates drywall finish.
- Suitable clean room component to ISO class 5 (class 100).
- Akutex FT white finish has perfect light diffusion (+99%).
- Available in 9 colors (see pg. 16).
- Moisture resistant.
- Recommended by Swedish Asthma and Allergy Association.

Applications:

- Places of Worship
- Offices
- Schools
- Restaurants

Relative Installed Cost:

\$\$\$\$



DESIGNER SERIES

LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆	◆	◆	◆			◆

LEED 2009 for Schools

Acoustic Performance	Low-emitting
◆	◆

Ecophon® Focus™ F

DESIGNER SERIES

High Density Fiberglass Ceilings



Ecophon®
SAINT-GOBAIN

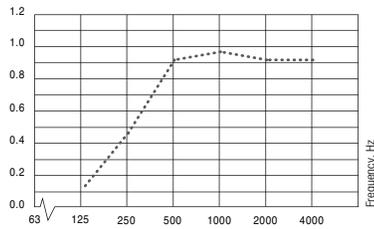
DESIGNER SERIES

Attributes:

ITEM NUMBER	ACTUAL SIZE (mm)	EDGE DETAIL	NRC	CAC	LR	RECYCLED CONTENT %	
						Post	Pre
3542 2800	600 x 600 x 20	Tongue and Groove	0.80	—	0.85	70	1
3542 2801	600 x 1200 x 20	Tongue and Groove	0.80	—	0.85	70	1

ASTM E 1264 Classification: Type XII, Form 2, Pattern G, Fire Class A

Acoustics:



SOUND ABSORPTION: Test results according to ASTM C 423.

o.d.s = overall depth of system

..... Ecophon® Focus™ F 20 mm o.d.s.

UNIT SIZE TESTED (Inches)	SOUND ABSORPTION COEFFICIENTS – E-400 MOUNTING					
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
ECOPHON® FOCUS™ F						
600 x 600	0.10	0.45	0.90	0.95	.90	0.90



SECTION OF FOCUS™ F SYSTEM

Edge Detail:



TONGUE AND GROOVE EDGE

Product Features at a Glance:

- COLOR AVAILABILITY
- HIGHLY DECORATIVE
- HIGH DURABILITY
- HIGH LIGHT REFLECTANCE
- NOISE REDUCTION
- RESISTS SAGGING



For detailed installation instructions, visit www.certainteed.com/ceilings

CertainTeed
SAINT-GOBAIN

Ecophon® Focus™ Wing

DESIGNER SERIES

High Density Fiberglass Ceilings

Features & Benefits:

- Superior sound absorption.
- Unique perimeter treatment for clouds or peninsulas.
- Finished surface is identical to adjacent panels.
- Integrates with Ecophon® Focus™ Dg and Ds edge systems.
- Suitable clean room component to ISO class 5 (class 100).
- Moisture resistant surface finish.
- Akutex FT finish; available in white only.
- Recommended by Swedish Asthma and Allergy Association.

Applications:

- Public Lobbies
- Conference Rooms
- Open-to-structure Offices

Relative Installed Cost:

\$\$\$\$



LEED 2009: NC, CI, & Schools

LEED 2009
for Schools

Optimize
Energy

Building
Reuse

Waste
Management

Recycled
Content

Regional
Materials

Renewable
Materials

Daylight
& Views

Acoustic
Performance

Low-
emitting



Ecophon® Focus™ Wing

DESIGNER SERIES

High Density Fiberglass Ceilings



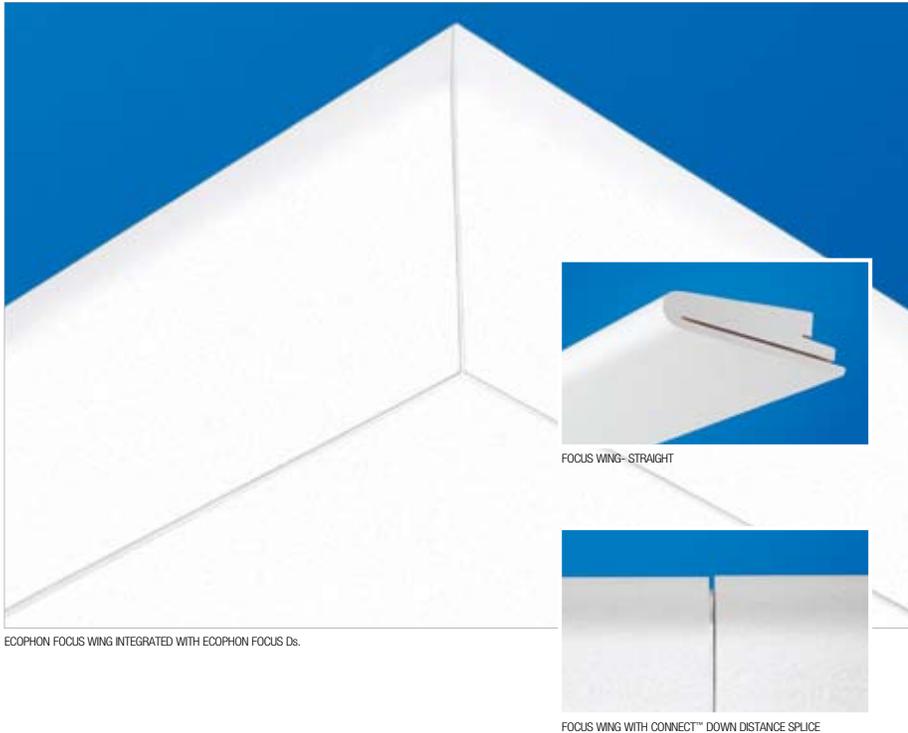
Ecophon®
SAINT-GOBAIN

DESIGNER SERIES

Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	LR	RECYCLED CONTENT %	
						Post	Pre
3549 1060 Straight Panel	48 x 8 x 2	Concealed	—	—	0.85	70	1
3549 1061 External Corner Kit	48 x 8 x 2 (Mitered Corner)	Concealed	—	—	0.85	70	1
3549 1062 Internal Corner Kit	48 x 8 x 2 (Mitered Corner)	Concealed	—	—	0.85	70	1

ASTM E 1264 Classification: Type XII, Form 2, Pattern G, Fire Class A



ECOPHON FOCUS WING INTEGRATED WITH ECOPHON FOCUS DS.

FOCUS WING-STRAIGHT

FOCUS WING WITH CONNECT™ DOWN DISTANCE SPLICE

Edge Detail:



ECOPHON® FOCUS WING

Product Features at a Glance:

- HIGHLY DECORATIVE
- HIGH DURABILITY
- HIGH LIGHT REFLECTANCE
- NOISE REDUCTION
- RESISTS SAGGING



For detailed installation instructions, visit www.certainteed.com/ceilings

CertainTeed
SAINT-GOBAIN

Ecophon® Hygiene™

DESIGNER SERIES

High Density Fiberglass Ceilings

Features & Benefits:

Ecophon® Hygiene™ Advance A

- Will withstand daily washing with disinfecting chemicals.
- Will withstand daily, high-pressure wet washing.
- Perimeter panel is required whenever the panel needs to be cut at the room perimeter or penetrated for lights, sprinklers, etc.
- \$\$\$\$

Ecophon® Hygiene™ Protec A

- Will withstand weekly washing with disinfecting chemicals.
- Will withstand wet, high-pressure washing twice/year.
- Painted edges and back side side allow wet cleaning on all sides.
- \$\$\$

Ecophon® Hygiene™ Performance A

- Will withstand weekly washing with disinfecting chemicals.
- Will withstand wet, high-pressure washing twice/year.
- Panel edges are prime-painted.
- \$\$

All Ecophon® Hygiene™ products:

- Superior sound absorbers.
- Satisfy USDA/FSIS guidelines for sanitary applications.
- Suitable clean room component to ISO class 5 (class 100).
- Recommended by Swedish Asthma and Allergy Association.
- Approved for use in federally registered Canadian food establishments.

Applications:

- Commercial Kitchens
- Healthcare
- Labs
- Clean Manufacturing



LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆	◆	◆*	◆			◆**	◆	◆

* Ecophon® Hygiene™ Protec A does not qualify for this credit.

** Ecophon® Hygiene™ Advance A does not qualify for this credit.

CertainTeed
SAINT-GOBAIN



Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	AC	LR	RECYCLED CONTENT %		ISO SOUND ABSORPTION CLASS
							Post	Pre	
ECOPHON® HYGIENE™ ADVANCE A									
3513 7029	24 x 24 x 3/4	Trim	0.90	21	—	0.84	70	1	B
3513 7030	24 x 48 x 3/4	Trim	0.90	21	—	0.84	70	1	B
3531 7031 Perimeter Panel	24 x 48 x 3/4	Trim	—	21	—	0.84	70	1	B

ASTM E 1264 Classification: Type XII, Form 2, Fire Class A

ECOPHON® HYGIENE™ PROTEC A									
3513 5328	24 x 24 x 3/4	Trim	0.85	21	170	0.84	70	1	A
3513 5329	24 x 48 x 3/4	Trim	0.85	21	170	0.84	70	1	A

ASTM E 1264 Classification: Type XII, Form 2, Pattern G, Fire Class A

ECOPHON® HYGIENE™ PERFORMANCE A									
3542 7307	24 x 24 x 3/4	Trim	0.95	21	170	0.84	70	1	A
3542 7308	24 x 48 x 3/4	Trim	0.95	21	170	0.84	70	1	A

ASTM E 1264 Classification: Type XII, Form 2, Pattern G, Fire Class A



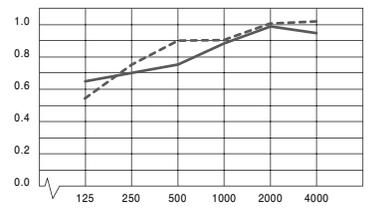
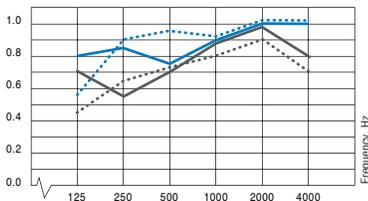
Advance A
SECTION OF HYGIENE™

Performance A
SECTION OF HYGIENE™

Protec A
SECTION OF HYGIENE™

Acoustics:

SOUND ABSORPTION: Test results according to ASTM C 423. o.d.s = overall depth of system



— Ecophon® Hygiene™ Advance A, 3/4" thick, 200 mm o.d.s.
 Ecophon® Hygiene™ Advance A, 3/4" thick, 400 mm o.d.s.
 — Ecophon® Hygiene™ Performance A, 3/4" thick, 200 mm o.d.s.
 Ecophon® Hygiene™ Performance A, 3/4" thick, 400 mm o.d.s.

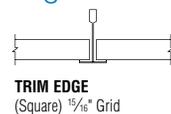
— Ecophon® Hygiene™ Protec A, 400 mm o.d.s.
 Ecophon® Hygiene™ Protec A, 200 mm o.d.s.

UNIT SIZE TESTED (Inches)	SOUND ABSORPTION COEFFICIENTS – E-400 MOUNTING					
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
ECOPHON® HYGIENE™ PROTEC A						
24 x 24 x 3/4	0.68	0.69	0.74	0.89	0.99	0.94
ECOPHON® HYGIENE™ PERFORMANCE A						
24 x 24 x 3/4	0.81	0.85	0.78	0.90	0.98	0.98

Product Features at a Glance:

- HIGH DURABILITY
- HIGH LIGHT REFLECTANCE
- NOISE REDUCTION
- RESISTS SAGGING
- WASHABLE/ SCRUBBABLE

Edge Detail:



For detailed installation instructions, visit www.certainteed.com/ceilings

Ecophon® Hygiene™ Advance A does not qualify for the Nordic Swan Eco-label

Ecophon® Hygiene™ Advance Hanging Baffle

DESIGNER SERIES

High Density Fiberglass Ceilings

Features & Benefits:

- Superior sound absorption.
- Satisfies USDA/FSIS guidelines for sanitary applications.
- Highly washable.
- Suitable clean room component to ISO class 5 (class 100).
- Use where ceilings are not practical.
- Moisture resistant.

Applications:

- Commercial Kitchens
- Healthcare
- Labs
- Pharmaceutical Manufacturing
- Bottling Facilities

Relative Installed Cost:

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DESIGNER SERIES

LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆	◆		◆			◆

LEED 2009 for Schools

Acoustic Performance	Low-emitting
◆	◆

CertainTeed
SAINT-GOBAIN

Ecophon® Hygiene™ Baffles

DESIGNER SERIES

High Density Fiberglass Ceilings

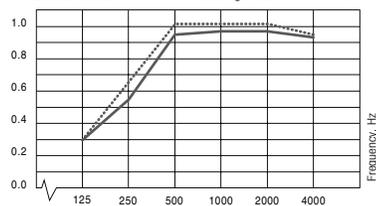
Attributes:

ITEM NUMBER	ACTUAL SIZE (mm)	EDGE DETAIL	NRC	CAC	LR	RECYCLED CONTENT %	
ECOPHON® HYGIENE™ ADVANCE HANGING BAFFLE						Post	Pre
3513 8018	600 x 1200 x 40	Trim	1.00	—	0.73	70	1

ASTM E 1264 Classification: Type XII, Form 2, Fire Class A

Acoustics:

SOUND ABSORPTION: Test results according to EN ISO 354. o.d.s = overall depth of system



— Ecophon® Hygiene™ Advance Hanging Baffle in rows, 2' on-center, with ~1.4 baffles per 10 S.F. of ceiling area
 Ecophon® Hygiene™ Advance Hanging Baffle checkered pattern, with ~1.3 baffles per 10 S.F. of ceiling area



SECTION OF HYGIENE™ BAFFLE IN ROWS



SECTION OF HYGIENE™ BAFFLE IN CHECKERED PATTERN

Edge Detail:



ECOPHON® HYGIENE™
ADVANCE HANGING BAFFLE

Product Features at a Glance:

- HIGHLY DECORATIVE
- HIGH DURABILITY
- HIGH LIGHT REFLECTANCE
- NOISE REDUCTION
- RESISTS SAGGING
- WASHABLE/ SCRUBBABLE



For detailed installation instructions, visit www.certainteed.com/ceilings

CertainTeed
SAINT-GOBAIN

Ecophon® Master™ A, E

DESIGNER SERIES

High Density Fiberglass Ceilings

Features & Benefits:

- Superior sound absorption.
- Multiple suspension profiles.
- Three different surface treatments allows for unique fine-tuning of acoustic design.
- Suitable clean room component to ISO class 5 (class 100).
- Moisture resistant.
- Akutex FT white finish has perfect light diffusion (+99%).
- Available in 9 colors (see pg. 16).
- Recommended by Swedish Asthma and Allergy Association.

Applications:

- Auditoriums
- Educational
- Music Rooms

Relative Installed Cost:

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DESIGNER SERIES

LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆	◆	◆	◆			◆

LEED 2009 for Schools

Acoustic Performance	Low-emitting
◆	◆

Ecophon® Master™ A, E

DESIGNER SERIES

High Density Fiberglass Ceilings



Ecophon®
SAINT-GOBAIN

DESIGNER SERIES

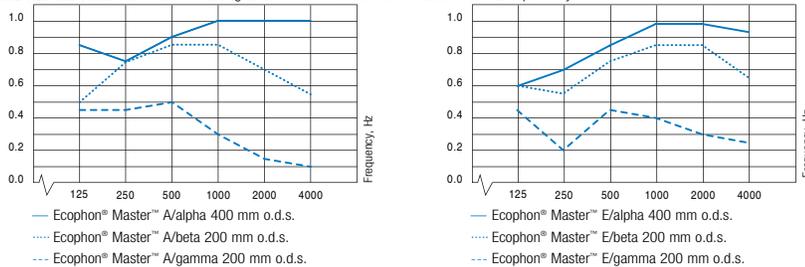
Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	AC	LR	RECYCLED CONTENT %	ISO SOUND ABSORPTION CLASS
ECOPHON® MASTER™ A								
							Post	Pre
Painted Square Edge								
3544 1034 alpha	24 x 24 x 1-1/2	Trim	0.95	30	200	0.85	70	1
3540 1033 alpha	24 x 48 x 1-1/2	Trim	0.95	30	200	0.85	70	1
3544 1072 alpha	48 x 48 x 1-1/2	Trim	0.95	30	200	0.85	70	1
3544 1035 beta	24 x 24 x 1-1/2	Trim	0.65	30	—	0.85	70	1
3544 1069 beta	24 x 48 x 1-1/2	Trim	0.65	30	—	0.85	70	1
3544 1079 beta	48 x 48 x 1-1/2	Trim	0.65	30	—	0.85	70	1
3544 1036 gamma	24 x 24 x 1-1/2	Trim	0.35	30	—	0.85	70	1
3544 1360 gamma	24 x 48 x 1-1/2	Trim	0.35	30	—	0.85	70	1
3544 1037 gamma	48 x 48 x 1-1/2	Trim	0.35	30	—	0.85	70	1
ECOPHON® MASTER™ E								
3544 2031 alpha	24 x 24 x 1-1/2	Reveal	0.90	31	190	0.85	70	1
3540 2275 alpha	24 x 48 x 1-1/2	Reveal	0.90	31	190	0.85	70	1
3544 2273 alpha	48 x 48 x 1-1/2	Reveal	0.90	31	190	0.85	70	1
3544 2307 beta	24 x 24 x 1-1/2	Reveal	0.75	31	—	0.85	70	1
3544 2299 beta	24 x 48 x 1-1/2	Reveal	0.75	31	—	0.85	70	1
3544 2258 beta	48 x 48 x 1-1/2	Reveal	0.75	31	—	0.85	70	1
3544 2301 gamma	24 x 24 x 1-1/2	Reveal	0.30	31	—	0.85	70	1
3544 2297 gamma	24 x 48 x 1-1/2	Reveal	0.30	31	—	0.85	70	1
3544 2289 gamma	48 x 48 x 1-1/2	Reveal	0.30	31	—	0.85	70	1

ASTM E 1264 Classification: Type XII, Form 2, Pattern G, Fire Class A

Acoustics:

SOUND ABSORPTION: Test results according to EN ISO 354 and ASTM C 4. o.d.s. = overall depth of system



UNIT SIZE TESTED (Inches)	SOUND ABSORPTION COEFFICIENTS – E-400 MOUNTING					
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
ECOPHON® MASTER™ PROTEC A						
24 x 24 x 1-1/2	0.83	0.78	0.93	0.99	1.00	1.00

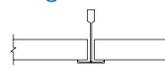


SECTION OF MASTER™ A SYSTEM

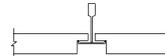


SECTION OF MASTER™ E SYSTEM

Edge Details:



TRIM EDGE
(Square) 1/8" Grid



REVEAL EDGE
1/8" Grid

Product Features at a Glance:

- COLOR AVAILABILITY
- HIGHLY DECORATIVE
- HIGH DURABILITY
- NOISE REDUCTION
- RESISTS SAGGING
- HIGH LIGHT REFLECTANCE



For detailed installation instructions, visit www.certainteed.com/ceilings

CertainTeed
SAINT-GOBAIN

Ecophon® Solo

DESIGNER SERIES

High Density Fiberglass Ceilings

Features & Benefits:

- Free-hanging unit with superior sound absorption.
- Sophisticated hanging components for ease of installation.
- Simple integration of lighting components.
- Laminated front and back with fully painted edges.
- Moisture resistant.
- Akutex FT white finish has perfect light diffusion (+99%).
- Available in 9 colors (see pg. 16).
- Recommended by Swedish Asthma and Allergy Association.

Applications:

- Auditoriums
- Educational
- Offices
- Restaurants

Relative Installed Cost:

\$\$\$\$



DESIGNER SERIES

LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆	◆	◆	◆			◆	◆	◆

Ecophon® Solo

DESIGNER SERIES

High Density Fiberglass Ceilings



Ecophon®
SAINT-GOBAIN

DESIGNER SERIES

Attributes:

ITEM NUMBER	ACTUAL SIZE (mm)	NOMINAL SIZE (inches)	NRC*	LR	RECYCLED CONTENT %		ISO SOUND ABSORPTION CLASS
					Post	Pre	
ECOPHON® SOLO							
3544 2050	1200 x 1200 x 40	48 x 48 x 1-1/2	0.95	0.85	70	1	A
3544 2051	1200 x 2400 x 40	48 x 96 x 1-1/2	0.95	0.85	70	1	A

ASTM E 1264 Classification: Type XII, Form 2, Pattern G, Fire Class A

* NRC calculations are based on the use of the panel in a complete ceiling assembly.

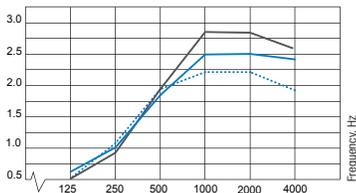
ITEM NUMBER	DESCRIPTION
ECOPHON® MASTER™ SOLO S APPLICATIONS REQUIRE ANCHORS AND WIRE HANGERS FOR INSTALLATION	
2630 0194	Connect Spiral Anchor
2647 2174	Connect Adjustable Wire Hanger

Customer service can assist with ordering quantities.

Acoustics:

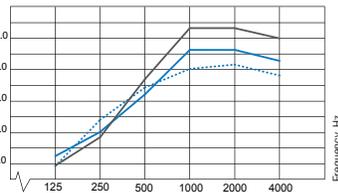
SOUND ABSORPTION: Test results according to EN ISO 354 o.d.s = overall depth of system

A_{eq} Equivalent absorption area per unit, m²



- Ecophon® Solo 1200 x 1200 / 1000 mm o.d.s
- - - Ecophon® Solo 1200 x 1200 / 400 mm o.d.s
- Ecophon® Solo 1200 x 1200 / 200 mm o.d.s

A_{eq} Equivalent absorption area per unit, m²



- Ecophon® Solo 2400 x 1200 / 1000 mm o.d.s
- - - Ecophon® Solo 2400 x 1200 / 400 mm o.d.s
- Ecophon® Solo 2400 x 1200 / 200 mm o.d.s

Note: The values in the diagram refer to measurement on a single unit. If the units are arranged in a cluster with distances between units less than 18 inches, the A_{eq} per unit will be slightly reduced.



SOLO PANEL

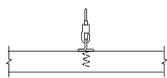


BACK OF SOLO PANEL



SUSPENSION WITH SPIRAL ANCHOR

Edge Detail:



ECOPHON® SOLO

Product Features at a Glance:

- COLOR AVAILABILITY
- HIGHLY DECORATIVE
- HIGH LIGHT REFLECTANCE
- NOISE REDUCTION
- RESISTS SAGGING



For detailed installation instructions, visit www.certainteed.com/ceilings

CertainTeed
SAINT-GOBAIN

Ecophon® Super G™

DESIGNER SERIES

High Density Fiberglass Ceilings

Features & Benefits:

- Unique impact-resistant finished surface.
- Part of an impact-resistant system design.
- Superior sound absorption.
- Available in two colors (see pg. 16).
- Moisture resistant.
- Recommended by Swedish Asthma and Allergy Association.

Applications:

- Multi-Purpose Rooms
- Gymnasiums
- Public Corridors

Relative Installed Cost:

\$\$\$\$

DESIGNER SERIES



LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆	◆	◆	◆			

LEED 2009 for Schools

Acoustic Performance	Low-emitting
◆	

Ecophon® Super G™

DESIGNER SERIES

High Density Fiberglass Ceilings



Ecophon®
SAINT-GOBAIN

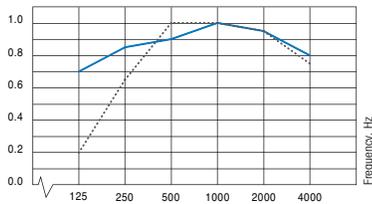
DESIGNER SERIES

Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	LR	RECYCLED CONTENT %		ISO SOUND ABSORPTION CLASS
						Post	Pre	
3559 2586	24 x 24 x 1-3/8	Trim	0.90	30	0.78	70	1	A
3559 2585	24 x 48 x 1-3/8	Trim	0.90	30	0.78	70	1	A

ASTM E 1264 Classification: Type XII, Form 2, Fire Class A

Acoustics:



SOUND ABSORPTION: Test results according to ASTM C 423.
o.d.s = overall depth of system

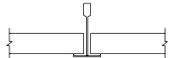
— Ecophon® Super G™ 35mm, 400 mm o.d.s.
..... Ecophon® Super G™ 35 mm, 50 mm o.d.s.

UNIT SIZE TESTED (Inches)	SOUND ABSORPTION COEFFICIENTS – E-400 MOUNTING					
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
ECOPHON® SUPER G™ A						
24 x 24 x 1-3/8	0.69	0.85	0.90	0.99	0.95	0.82



SECTION OF SUPER G™ SYSTEM

Edge Detail:



TRIM EDGE
(Square) 1/4" Grid

Product Features at a Glance:

- COLOR AVAILABILITY
- HIGHLY DECORATIVE
- HIGH DURABILITY
- NOISE REDUCTION
- RESISTS SAGGING



For detailed installation instructions, visit www.certainteed.com/ceilings

CertainTeed
SAINT-GOBAIN

Envirogard™

DESIGNER SERIES

Gypsum Ceilings

Features & Benefits:

- Gypsum core with vinyl facing, vinyl backing and sealed edges.
- Specially designed for low particulate emission and maximum clean-ability.
- Surface suitable for cleaning with common disinfecting chemicals.
- Satisfies USDA/FSIS guidelines for sanitary applications.
- Approved for use in federally registered Canadian food establishments.
- Suitable clean room component to ISO class 5 (class 100).
- Does not contain formaldehyde.

Applications:

- Food Preparation Areas
- Laboratories
- Photo-processing
- Operating Rooms
- Clean Room Environments

Relative Installed Cost:

\$\$\$\$



LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

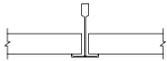
Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆	◆	◆	◆	◆	◆	◆		◆

Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	LR	RECYCLED CONTENT %	
						Post	Pre
SAFETONE® CLASS A							
White CRF							
1192-CRF-1	24 x 24 x 1/2	Trim	—	38	0.78	0	0
1190-CRF-1	24 x 48 x 1/2	Trim	—	40	0.78	0	0

ASTM E 1264 Classification: Type XX, Pattern G, Fire Class A

Edge Detail:



TRIM EDGE
(Square) 1/16" Grid

Finish:



WHITE CRF – CRF-1

Product Features at a Glance:

-  HIGH DURABILITY
-  NOISE REDUCTION
-  RESISTS SAGGING
-  WASHABLE/ SCRUBBABLE



Gyptone® BASE 31™

DESIGNER SERIES

Gypsum Ceilings

Features & Benefits:

- Can be complementary product used with Gyptone® LINE 4™, POINT 11™ and QUATTRO 20™.
- Durable, solid surface gypsum panel.
- European inspired design.
- Gypsum core.
- Paintable, no primer needed.
- Sag resistant.
- Easy plenum access.
- Unique aesthetic appeal.
- Does not contain formaldehyde.

Applications:

- Retail
- Hotels/Resorts
- Offices
- Restaurants
- Dining Halls
- Atriums
- Corridors
- Airports
- Malls
- Country Clubs
- Schools

Relative Installed Cost:

\$\$\$\$



LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆		◆	◆			◆

LEED 2009 for Schools

Acoustic Performance	Low-emitting
	◆

CertainTeed
SAINT-GOBAIN

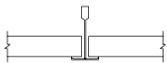
Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL*	NRC	CAC	LR	PERFORATED AREA	WEIGHT, LBS/SQ. FT. (kg/sq. meter)	RECYCLED CONTENT %	
								Post	Pre
SAFETONE® CLASS A									
5200410489	24 x 24 x 1/2	Trim	—	35	0.82	0%	1.84 (9)	5	80
5200410494	24 x 24 x 1/2	Narrow Reveal	—	35	0.82	0%	1.84 (9)	5	80

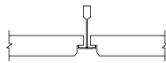
ASTM E 1264 Classification: Type XX, Pattern G, Fire Class A

* Perimeter Treatment Components: Angle moldings recommended where trim edge tiles are used on room perimeter. Shadow line moldings required where narrow reveal edge tiles are used on room perimeter.

Edge Details:



TRIM EDGE
(Square) 1/8" Grid



NARROW REVEAL EDGE
(Corner Bevel) 1/8" Grid

Product Features at a Glance:



HIGH DURABILITY



RESISTS SAGGING



Gyptone® LINE 4™

DESIGNER SERIES

Gypsum Ceilings

Features & Benefits:

- Punched gypsum panel.
- European inspired design.
- Gypsum core.
- Paintable, no primer needed.
- Acoustical tissue backing.
- Sound absorbent.
- Sag resistant.
- Easy plenum access.
- Unique aesthetic appeal.
- Durable.
- Does not contain formaldehyde.

Applications:

- Retail
- Hotels/Resorts
- Offices
- Restaurants
- Dining Halls
- Atriums
- Corridors
- Airports
- Malls
- Country Clubs
- Schools

Relative Installed Cost:

\$\$\$\$



DESIGNER SERIES

LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆		◆	◆			

LEED 2009 for Schools

Acoustic Performance	Low-emitting
◆	◆

CertainTeed
SAINT-GOBAIN

Gyptone® LINE 4™

DESIGNER SERIES

Gypsum Ceilings

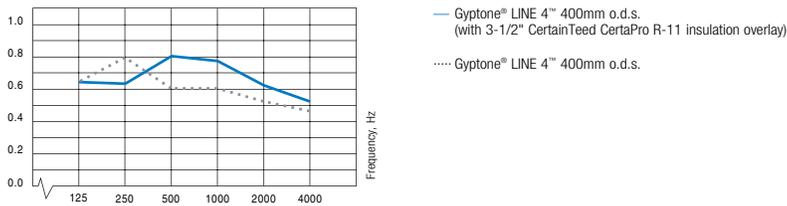
Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	LR	PERFORATED AREA	WEIGHT, LBS/SQ. FT. (kg/sq. meter)	RECYCLED CONTENT %	
SAFETONE® CLASS A								Post	Pre
5200410258	24 x 24 x 1/2	Trim	0.70†	35†	0.70	17%	1.64 (8)	5	80
5200410261	24 x 24 x 1/2	Narrow Reveal	0.70†	35†	0.70	17%	1.64 (8)	5	80

ASTM E 1264 Classification: Type XX, Pattern A G, Fire Class A

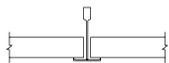
† NRC and CAC values when used with CertainTeed CertaPro™ insulation in unfaced 3-1/2" (R-11) as an overlay above the installed ceiling panel. (Without insulation overlay: NRC=0.65, CAC=17)

Acoustics:

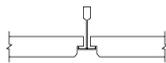


UNIT SIZE TESTED (Inches)	SOUND ABSORPTION COEFFICIENTS – E-400 MOUNTING					
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
GYPTONE® LINE 4™ (WITH 3-1/2" OVERLAY)						
24 x 24 x 1/2	0.64	0.63	0.80	0.77	0.62	0.52
GYPTONE® LINE 4™						
24 x 24 x 1/2	0.64	0.79	0.60	0.60	0.52	0.46

Edge Details:



TRIM EDGE
(Square) 1/8" Grid



NARROW REVEAL EDGE
(Corner Bevel) 1/8" Grid

Product Features at a Glance:



CertainTeed
SAINT-GOBAIN

Gyptone® POINT 11™

DESIGNER SERIES

Gypsum Ceilings

Features & Benefits:

- Punched gypsum panel.
- European inspired design.
- Gypsum core.
- Paintable, no primer needed.
- Acoustical tissue backing.
- Sound absorbent.
- Sag resistant.
- Easy plenum access.
- Unique aesthetic appeal.
- Durable.
- Does not contain formaldehyde.

Applications:

- Retail
- Hotels/Resorts
- Offices
- Restaurants
- Dining Halls
- Atriums
- Corridors
- Airports
- Malls
- Country Clubs
- Schools

Relative Installed Cost:

\$\$\$\$



DESIGNER SERIES

LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆		◆	◆			

LEED 2009 for Schools

Acoustic Performance	Low-emitting
◆	◆

Gyptone® POINT 11™

DESIGNER SERIES

Gypsum Ceilings

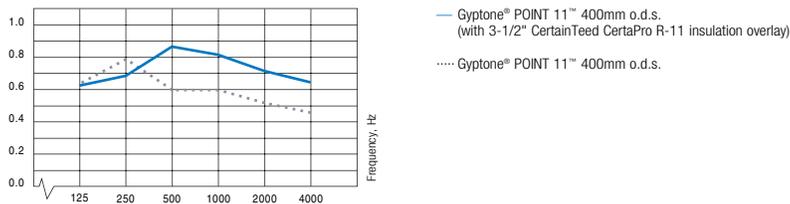
Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	LR	PERFORATED AREA	WEIGHT, LBS/SQ. FT. (kg/sq. meter)	RECYCLED CONTENT %
SAFETONE® CLASS A								
								Post Pre
5200410316	24 x 24 x 1/2	Trim	0.80†	35†	0.71	12%	1.64 (8)	5 80
5200410320	24 x 24 x 1/2	Narrow Reveal	0.80†	35†	0.71	12%	1.64 (8)	5 80

ASTM E 1264 Classification: Type XX, Pattern A G, Fire Class A

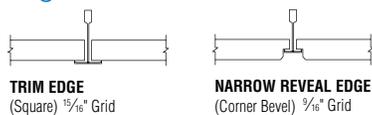
† NRC and CAC values when used with CertainTeed CertaPro™ insulation in unfaced 3-1/2" (R-11) as an overlay above the installed ceiling panel. (Without insulation overlay: NRC=0.60, CAC=17)

Acoustics:



UNIT SIZE TESTED (Inches)	SOUND ABSORPTION COEFFICIENTS – E-400 MOUNTING					
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
GYPTONE® POINT 11™ (WITH 3-1/2" CT FG OVERLAY)						
24 x 24 x 1/2	0.63	0.69	0.87	0.82	0.72	0.65
GYPTONE® POINT 11™						
24 x 24 x 1/2	0.64	0.79	0.60	0.60	0.52	0.46

Edge Details:



Product Features at a Glance:



CertainTeed
SAINT-GOBAIN

Gyptone® QUATTRO 20™

DESIGNER SERIES

Gypsum Ceilings

Features & Benefits:

- Punched gypsum panel.
- European inspired design.
- Gypsum core.
- Paintable, no primer needed.
- Acoustical tissue backing.
- Sound absorbent.
- Sag resistant.
- Easy plenum access.
- Unique aesthetic appeal.
- Durable.
- Does not contain formaldehyde.

Applications:

- Retail
- Hotels/Resorts
- Offices
- Restaurants
- Dining Halls
- Atriums
- Corridors
- Airports
- Malls
- Country Clubs
- Schools

Relative Installed Cost:

\$\$\$\$



LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆		◆	◆			

LEED 2009 for Schools

Acoustic Performance	Low-emitting
◆	◆

CertainTeed
SAINT-GOBAIN

Gyptone® QUATTRO 20™

DESIGNER SERIES

Gypsum Ceilings

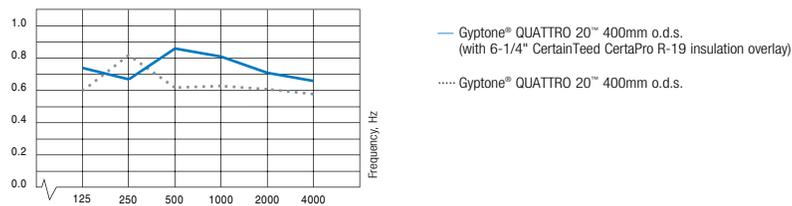
Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	LR	PERFORATED AREA	WEIGHT, LBS/SQ. FT. (kg/sq. meter)	RECYCLED CONTENT %	
SAFETONE® CLASS A									
								Post	Pre
5200410417	24 x 24 x 1/2	Trim	0.75†	35†	0.71	18%	1.64 (8)	5	80
5200410422	24 x 24 x 1/2	Narrow Reveal	0.75†	35†	0.71	18%	1.64 (8)	5	80

ASTM E 1264 Classification: Type XX, Pattern A G, Fire Class A

† NRC and CAC values when used with CertainTeed CertaPro™ insulation in unfaced 6-1/4" (R-19) as an overlay above the installed ceiling panel. (Without insulation overlay: NRC=0.65, CAC=17)

Acoustics:

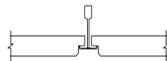


UNIT SIZE TESTED (Inches)	SOUND ABSORPTION COEFFICIENTS – E-400 MOUNTING					
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
GYPTONE® QUATTRO 20™ (WITH 6" CT FG OVERLAY)						
24 x 24 x 1/2	0.74	0.67	0.86	0.81	0.71	0.66
GYPTONE® QUATTRO 20™						
24 x 24 x 1/2	0.60	0.82	0.62	0.63	0.61	0.58

Edge Details:



TRIM EDGE
(Square) 1/4" Grid



NARROW REVEAL EDGE
(Corner Bevel) 1/4" Grid

Product Features at a Glance:



DESIGNER SERIES

CertainTeed
SAINT-GOBAIN

TufCore™

DESIGNER SERIES

Fiberglass/Gypsum Ceilings

Features & Benefits:

- Combines the NRC advantages of fiberglass with high CAC gypsum board in a single panel.
- Available in a variety of finish options and edge details.
- Enhance speech privacy (for HIPAA and GLBA compliance).
- Especially well-suited to minimize sound transmission between adjacent spaces sharing a common plenum.
- Gypsum back improves the CAC.
- Fiberglass face is to increase NRC.

Applications:

- Private Offices
- Conference Rooms
- Theaters
- Sound Stages
- Education
- Medical Exam Rooms
- Financial Institutions

Relative Installed Cost:

\$\$\$\$



LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆	◆	◆	◆			◆

LEED 2009 for Schools

Acoustic Performance	Low-emitting
◆	



Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL*	NRC	CAC	LR	RECYCLED CONTENT %	
SAFETONE® CLASS A							
White Nubby						Post	Pre
1612-NBY-1	24 x 24 x 1-1/8	Trim, Reveal, Narrow Reveal	0.65	38	0.84	3-4	0
1610-NBY-1	24 x 48 x 1-1/8	Trim, Reveal, Narrow Reveal	0.65	40	0.84	3-4	0
White Elite Vinyl (Perforated Only)							
1612-ELTP-1	24 x 24 x 1-1/8	Trim	0.65	38	0.82	3-4	0
1610-ELTP-1	24 x 48 x 1-1/8	Trim	0.65	40	0.82	3-4	0
White Overtone®							
1612-OVT-1	24 x 24 x 1-1/8	Trim, Reveal, Narrow Reveal	0.65	38	0.90	3-4	0
1610-OVT-1	24 x 48 x 1-1/8	Trim, Reveal, Narrow Reveal	0.65	40	0.90	3-4	0
Black Mat							
1612-MAT-5	24 x 24 x 1-1/8	Trim	0.65	38	—	3-4	0
1610-MAT-5	24 x 48 x 1-1/8	Trim	0.65	40	—	3-4	0

ASTM E 1264 Classification: Type XX, Pattern E (Except White Elite), Fire Class A
 — Pattern C E I (White Elite only - Perforated), Fire Class A

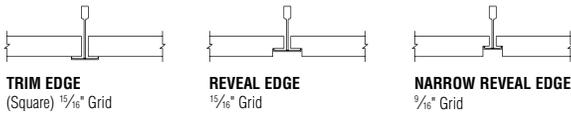


***Edge Detail Ordering Procedure:** To order preferences for edge details, select the item number above, then add the appropriate Edge Detail Code below.

Example:

Item Number	Edge Detail Code (Other than Trim)
Select from chart	B Reveal (15/16") F Narrow Reveal (9/16")
Example: 1612-NBY-1	1612 B -NBY-1 1612 F -NBY-1

Edge Details:



Product Features at a Glance:

- FINISHES
- HIGH DURABILITY
- HIGH LIGHT REFLECTANCE†
- NOISE REDUCTION
- RESISTS SAGGING
- WASHABLE/ SCRUBBABLE††

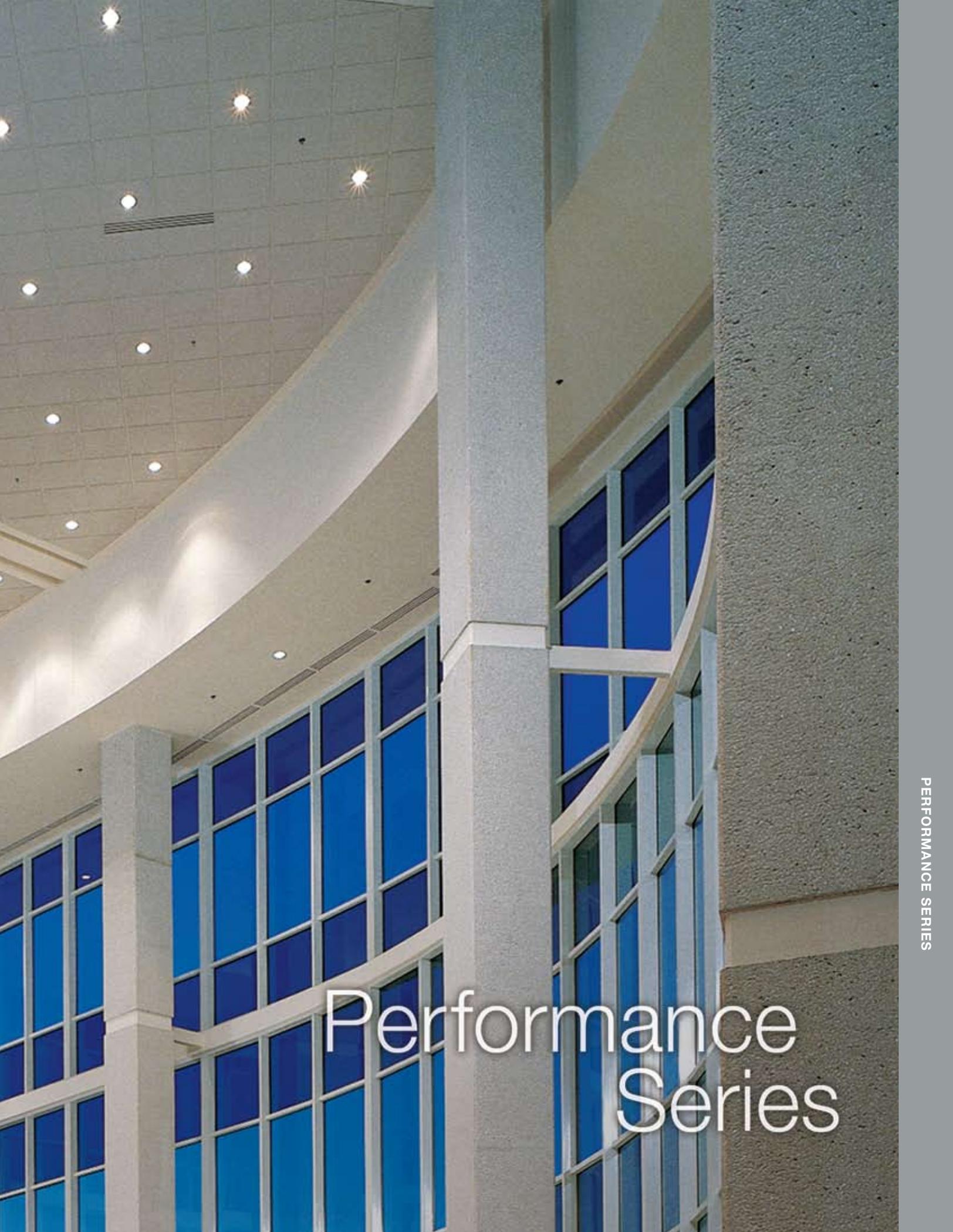
† Except Elite and Black Mat
 †† In Overtone finish only



WHITE NUBBY - NBY-1
 WHITE ELITE - ELTP-1
 WHITE OVERTONE - OVT-1
 BLACK MAT - MAT-5

DESIGNER SERIES





Performance Series

Baroque™

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- 100% non-directional fissured pattern.
- Variety of edge detail options and panel sizes.
- No added formaldehyde.

Applications:

- Hospitality
- Retail
- Offices
- Education
- Healthcare
- Restaurants

Relative Installed Cost:

\$\$\$\$

PERFORMANCE SERIES



LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆		◆	◆	◆	◆			◆

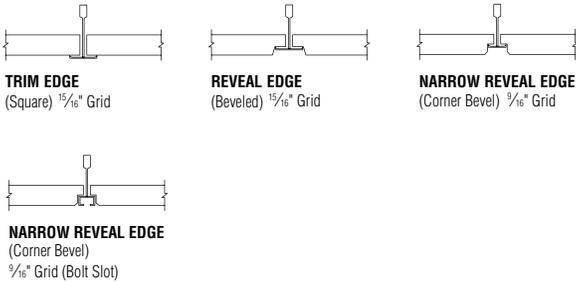


Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED		LR	RECYCLED CONTENT %	
			NRC	CAC		POST	PRE
SAFETONE® CLASS A							
BET-150	24 x 24 x 5/8	Narrow Reveal	0.60	33	0.83	18	18-27
BET-154	24 x 24 x 5/8	Reveal	0.60	33	0.83	18	18-27
BET-157	24 x 24 x 5/8	Trim	0.60	33	0.83	18	18-27
BET-194	24 x 48 x 5/8	Reveal	0.60	35	0.83	18	18-27
BET-197	24 x 48 x 5/8	Trim	0.60	35	0.83	18	18-27
BET-2067	20 x 60 x 5/8	Trim	0.60	35	0.83	18	18-27
PROTECTONE® (For specific UL fire resistant time-rated assemblies)							
PBT-154	24 x 24 x 5/8	Reveal	0.55	35	0.83	9	38
PBT-157	24 x 24 x 5/8	Trim	0.55	35	0.83	9	38
PBT-197	24 x 48 x 5/8	Trim	0.55	40	0.83	9	38

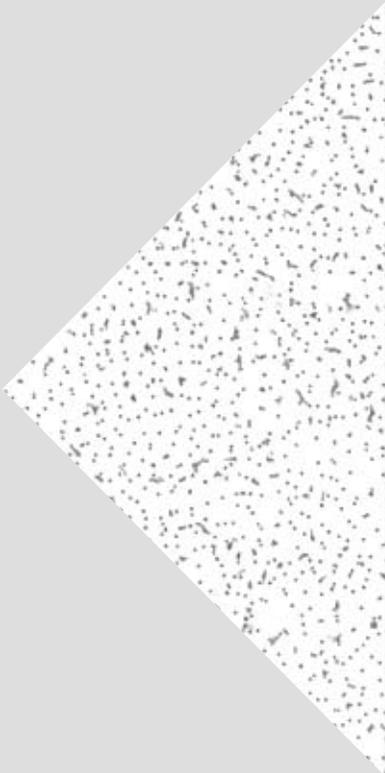
ASTM E 1264 Classification: Type III, Form 2, Pattern C D

Edge Details:



Product Features at a Glance:

- HIGH LIGHT REFLECTANCE
- PROTECTONE®/UL FIRE RESISTANCE



PERFORMANCE SERIES

Baroque™ Customline®

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- Three dramatic geometric designs with 100% non-directional fissured pattern.
- Clean 3-dimensional scoring, free of fissures or pin perforations.
- Features deep shadow face scoring.
- Product's deep scoring complements the suspension system, masking the metal grid.
- No added formaldehyde.

Applications:

- Hospitality
- Retail
- Offices
- Education
- Healthcare
- Restaurants

Relative Installed Cost:

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PERFORMANCE SERIES

LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆		◆	◆	◆	◆			◆

CertainTeed
SAINT-GOBAIN

Baroque[™] Customline[®]

PERFORMANCE SERIES

Mineral Fiber Ceilings



Attributes:

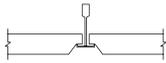
ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED		LR	RECYCLED CONTENT %	
			NRC	CAC		Post	Pre
SAFETONE[®] CLASS A							
BQCL-224	24 x 48 x 3/4	Reveal	0.60	38	0.83	18	18-27
BQCLN-224	24 x 48 x 3/4	Narrow Reveal	0.60	38	0.83	18	18-27
BQCL-448	24 x 48 x 3/4	Reveal	0.50	38	0.83	18	18-27
BQCLN-448	24 x 48 x 3/4	Narrow Reveal	0.50	38	0.83	18	18-27
BQCL-812	24 x 48 x 3/4	Reveal	0.50	38	0.83	18	18-27
BQCLN-812	24 x 48 x 3/4	Narrow Reveal	0.50	38	0.83	18	18-27
PROTECTONE[®] (For specific UL fire resistant time-rated assemblies)							
PBQCL-224	24 x 48 x 3/4	Reveal	0.50	40	0.83	9	38

ASTM E 1264 Classification: Type III, Form 2, Pattern C D K

Edge Details:

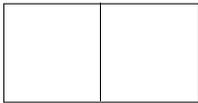


REVEAL EDGE
(Beveled) 1/16" Grid



NARROW REVEAL EDGE
(Beveled) 1/16" Grid

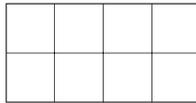
Scoring Options:



24" x 48"
224



24" x 48"
448



24" x 48"
812

Product Features at a Glance:

- HIGH LIGHT REFLECTANCE
- PROTECTONE[®] UL FIRE RESISTANCE
- RESISTS SAGGING
- HIGHLY DECORATIVE



CertainTeed
SAINT-GOBAIN

Cashmere®

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- Upscale appearance.
- Finely textured.
- Popular edge detail options.
- No added formaldehyde.

Applications:

- Galleries
- Resorts
- Hospitality
- Airports
- Retail
- Offices
- Education
- Healthcare
- Restaurants
- Salons

Relative Installed Cost:

\$\$\$\$

PERFORMANCE SERIES



LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆		◆	◆	◆	◆	◆		◆

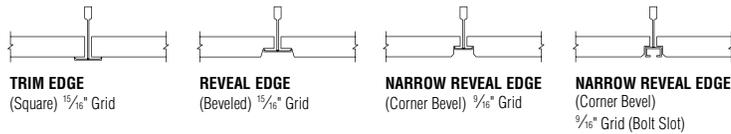


Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED		LR	RECYCLED CONTENT %	
			NRC	CAC		Post	Pre
SAFETONE® CLASS A							
CM-450	24 x 24 x 3/4	Narrow Reveal	0.60	35	0.83	4	70
CM-454	24 x 24 x 3/4	Reveal	0.60	35	0.83	4	70
CM-457	24 x 24 x 3/4	Trim	0.60	35	0.83	4	70
CM-490	24 x 48 x 3/4	Narrow Reveal	0.60	35	0.83	4	70
CM-494	24 x 48 x 3/4	Reveal	0.60	35	0.83	4	70
CM-497	24 x 48 x 3/4	Trim	0.60	35	0.83	4	70
PROTECTONE® (For specific UL fire resistant time-rated assemblies)							
PCM-450	24 x 24 x 3/4	Narrow Reveal	0.45	35	0.83	9	38
PCM-454	24 x 24 x 3/4	Reveal	0.45	35	0.83	9	38

ASTM E 1264 Classification: Type III, Form 1, Pattern E

Edge Details:



Product Features at a Glance:

- COLOR AVAILABILITY
 - HIGH LIGHT REFLECTANCE
 - PROTECTONE®/UL FIRE RESISTANCE
 - RESISTS SAGGING
 - HIGHLY DECORATIVE
- BIOSHIELD™ BIOSHIELD TREATMENT INCLUDED FOR ADDED MOLD AND MILDEW RESISTANCE.

Color Options:

IN ADDITION TO TRADITIONAL WHITE, YOU CAN MAKE AN IMPACT WITH ONE OF OUR 5 STANDARD COLORS, FOR ITEM NUMBERS: CM-450, CM-454



Cashmere® Customline®

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- Upscale appearance.
- Finely textured.
- Clean linear scoring.
- Scored options for added visual impact.
- Product's deep scoring complements the suspension system, masking the metal grid.
- No added formaldehyde.

Applications:

- Resorts
- Conference Rooms
- Airports
- Hospitality
- Retail
- Offices
- Education
- Healthcare
- Restaurants
- Salons

Relative Installed Cost:

\$\$\$\$

PERFORMANCE SERIES



LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆		◆	◆	◆	◆	◆		◆

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Cashmere® Customline®

PERFORMANCE SERIES

Mineral Fiber Ceilings

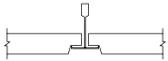


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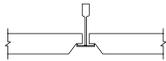
ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED		LR	RECYCLED CONTENT %	
			NRC	CAC		Post	Pre
SAFETONE® CLASS A							
CDS-224	24 x 48 x 3/4	Reveal	0.60	35	0.83	4	70
CDSN-224	24 x 48 x 3/4	Narrow Reveal	0.60	35	0.83	4	70
CDS-448	24 x 48 x 3/4	Reveal	0.60	35	0.83	4	70
CDS-812	24 x 48 x 3/4	Reveal	0.60	35	0.83	4	70
CDSN-812	24 x 48 x 3/4	Narrow Reveal	0.60	35	0.83	4	70

ASTM E 1264 Classification: Type III, Form 1, Pattern E K

Edge Details:

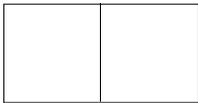


REVEAL EDGE
(Beveled) 15/16" Grid



NARROW REVEAL EDGE
(Beveled) 9/16" Grid

Scoring Options:



24" x 48"
224



24" x 48"
448



24" x 48"
812

Product Features at a Glance:



HIGH LIGHT
REFLECTANCE



NOISE
REDUCTION



HIGHLY
DECORATIVE



BIOSHIELD™
BIOSHIELD TREATMENT **INCLUDED** FOR
ADDED MOLD AND MILDEW RESISTANCE.

CertainTeed
SAINT-GOBAIN

PERFORMANCE SERIES

Cashmere® High NRC

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- Upscale appearance.
- Finely textured, highly decorative.
- Popular edge detail options.
- Effective noise reduction.
- No added formaldehyde.

Applications:

- Healthcare
- Hospitality/Resorts
- Offices
- Conference Centers
- Education
- Galleries
- Airports
- Restaurants

Relative Installed Cost:

\$\$\$\$

PERFORMANCE SERIES



LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize
Energy

Building
Reuse

Waste
Management

Recycled
Content

Regional
Materials

Renewable
Materials

Daylight
& Views

Acoustic
Performance

Low-
emitting



Cashmere® High NRC

PERFORMANCE SERIES

Mineral Fiber Ceilings

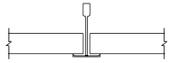


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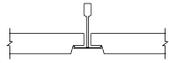
ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	LR	RECYCLED CONTENT %	
						Post	Pre
SAFETONE® CLASS A							
CM-450-NRCP	24 x 24 x 3/4	Narrow Reveal	0.70	30	0.82	4	70
CM-454-NRCP	24 x 24 x 3/4	Reveal	0.70	30	0.82	4	70
CM-457-NRCP	24 x 24 x 3/4	Trim	0.70	30	0.82	4	70
CM-494-NRCP	24 x 48 x 3/4	Reveal	0.70	32	0.82	4	70
CM-497-NRCP	24 x 48 x 3/4	Trim	0.70	32	0.82	4	70

ASTM E 1264 Classification: Type III, Form 1, Pattern C E

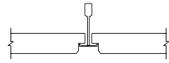
Edge Details:



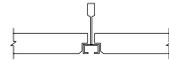
TRIM EDGE
(Square) 1/16" Grid



REVEAL EDGE
(Beveled) 1/16" Grid



NARROW REVEAL EDGE
(Corner Bevel) 1/16" Grid



NARROW REVEAL EDGE
(Corner Bevel)
1/16" Grid (Bolt Slot)

Product Features at a Glance:



NOISE
REDUCTION



RESISTS
SAGGING



HIGHLY
DECORATIVE



BIOSHIELD™
BIOSHIELD TREATMENT **INCLUDED** FOR
ADDED MOLD AND MILDEW RESISTANCE.



CertainTeed
SAINT-GOBAIN

Cashmere® Style Edge

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- Upscale appearance.
- Finely textured with highly decorative edge detail choices.
- Scored options for added visual impact.
- No added formaldehyde.

Applications:

- Conference Centers
- Resorts
- Hospitality
- Retail
- Education
- Restaurants
- Healthcare
- Offices
- Airports
- Galleries

Relative Installed Cost:

\$\$\$\$



PERFORMANCE SERIES

LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆		◆	◆	◆	◆	◆

LEED 2009 for Schools

Acoustic Performance	Low-emitting
	◆

CertainTeed
SAINT-GOBAIN

Cashmere® Style Edge

PERFORMANCE SERIES

Mineral Fiber Ceilings



Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED		LR	RECYCLED CONTENT %	
			NRC	CAC		Post	Pre

SAFETONE® CLASS A Tier Edge Cashmere® Specifications

						Post	Pre
CMTS-124	24 x 24 x 3/4	Tier Reveal 9/16" Grid	0.60	35	0.83	4	70
CMTS-124-1516	24 x 24 x 3/4	Tier Reveal 15/16" Grid	0.60	35	0.83	4	70
CMTS-412	24 x 24 x 3/4	Tier Reveal 9/16" Grid	0.60	35	0.83	4	70
CMTS-412-1516	24 x 24 x 3/4	Tier Reveal 15/16" Grid	0.60	35	0.83	4	70

SAFETONE® CLASS A Fluted Edge Cashmere® Specifications

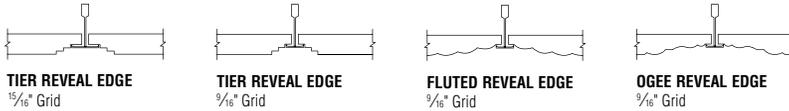
ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED NRC	UL CLASSIFIED CAC	LR	RECYCLED CONTENT % Post	RECYCLED CONTENT % Pre
CMF-124	24 x 24 x 3/4	Fluted Reveal	0.60	31	0.83	4	70

SAFETONE® CLASS A Ogee Edge Cashmere® Specifications

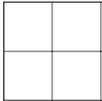
ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED NRC	UL CLASSIFIED CAC	LR	RECYCLED CONTENT % Post	RECYCLED CONTENT % Pre
CMO-124	24 x 24 x 3/4	Ogee Reveal	0.60	31	0.83	4	70

ASTM E 1264 Classification: Type III, Form 1, Pattern E

Edge Details:



Scoring Options:



24" x 24"
412

Product Features at a Glance:

- HIGH LIGHT REFLECTANCE
- NOISE REDUCTION
- RESISTS SAGGING
- HIGHLY DECORATIVE
- BIOSHIELD™ BIOSHIELD TREATMENT INCLUDED FOR ADDED MOLD AND MILDEW RESISTANCE.



PERFORMANCE SERIES



CertainTeed
SAINT-GOBAIN

Directional Fissured

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- Decorative while maintaining acoustical control.
- Excellent choice for large ceiling areas.
- No added formaldehyde.

Applications:

- Hospitality
- Retail
- Offices
- Education
- Healthcare
- Restaurants

Relative Installed Cost:

\$\$\$\$

PERFORMANCE SERIES



LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆		◆	◆	◆	◆	

LEED 2009 for Schools

Acoustic Performance	Low-emitting
	◆

Directional Fissured

PERFORMANCE SERIES

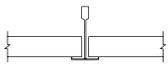
Mineral Fiber Ceilings

Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED			RECYCLED CONTENT %	
			NRC	CAC	LR	Post	Pre
SAFETONE® CLASS A							
FH-157	24 x 24 x 5/8	Trim	0.60	33	0.82	18	18-27
FH-197	24 x 48 x 5/8	Trim	0.60	35	0.82	18	18-27
PROTECTONE® (For specific UL fire resistant time-rated assemblies)							
PFH-157	24 x 24 x 5/8	Trim	0.55	35	0.82	9	38
PFH-197	24 x 48 x 5/8	Trim	0.55	40	0.82	9	38

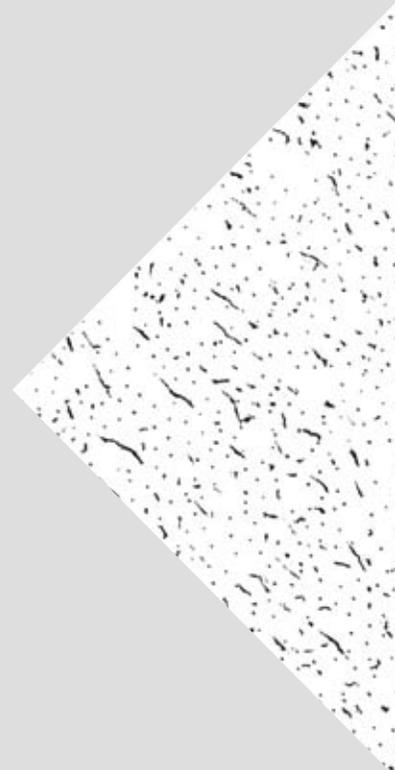
ASTM E 1264 Classification: Type III, Form 2, Pattern C D

Edge Details:



TRIM EDGE
(Square) 1/4" Grid

Product Features at a Glance:



PERFORMANCE SERIES

CertainTeed
SAINT-GOBAIN

Fine Fissured

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- 100% non-directional fissure pattern.
- Variety of edge detail options and panel sizes.
- High humidity and sag resistant.
- No added formaldehyde.

Applications:

- Hospitality
- Retail
- Offices
- Education
- Healthcare
- Restaurants

Relative Installed Cost:

\$\$\$\$



PERFORMANCE SERIES

LEED 2009: NC, CI, & Schools							LEED 2009 for Schools	
Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆		◆	◆	◆	◆	◆		◆

Fine Fissured

PERFORMANCE SERIES

Mineral Fiber Ceilings

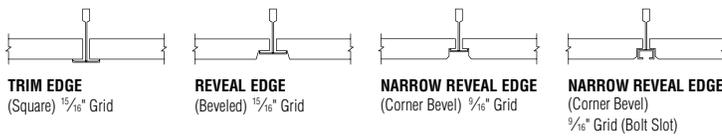


Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED		LR	RECYCLED CONTENT %	
			NRC	CAC		Post	Pre
SAFETONE® CLASS A							
HHF-150	24 x 24 x 5/8	Narrow Reveal	0.60	33	0.84	18	18-27
HHF-154	24 x 24 x 5/8	Reveal	0.60	33	0.84	18	18-27
HHF-157	24 x 24 x 5/8	Trim	0.60	33	0.84	18	18-27
HHF-177	24 x 60 x 5/8	Trim	0.60	35	0.84	18	18-27
HHF-194	24 x 48 x 5/8	Reveal	0.60	35	0.84	18	18-27
HHF-197	24 x 48 x 5/8	Trim	0.60	35	0.84	18	18-27
HHF-2067	20 x 60 x 5/8	Trim	0.60	35	0.84	18	18-27
PROTECTONE® (For specific UL fire resistant time-rated assemblies)							
PFF-154	24 x 24 x 5/8	Reveal	0.55	35	0.84	9	38
PFF-157	24 x 24 x 5/8	Trim	0.55	35	0.84	9	38
PFF-197	24 x 48 x 5/8	Trim	0.55	40	0.84	9	38

ASTM E 1264 Classification: Type III, Form 2, Pattern C D

Edge Details:



Product Features at a Glance:

- COLOR AVAILABILITY
- HIGH LIGHT REFLECTANCE
- PROTECTONE®/UL FIRE RESISTANCE
- RESISTS SAGGING
- BIOSHIELD™ BIOSHIELD TREATMENT INCLUDED FOR ADDED MOLD AND MILDEW RESISTANCE.

Color Options:

IN ADDITION TO TRADITIONAL WHITE, YOU CAN MAKE AN IMPACT WITH ONE OF OUR 5 STANDARD COLORS, FOR ITEM NUMBERS: HHF-154, HHF-157, HHF-197



CertainTeed
SAINT-GOBAIN

PERFORMANCE SERIES

Fine Fissured Customline®

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- Three dramatic geometric designs with discreet small scale fissure pattern.
- Choice of two edge details for design creativity.
- Crisp scoring patterns provide options for expanded design possibilities.
- Product's deep scoring complements the suspension system, masking the metal grid.
- No added formaldehyde.

Applications:

- Hospitality
- Retail
- Offices
- Education
- Healthcare
- Restaurants

Relative Installed Cost:

\$\$\$\$



PERFORMANCE SERIES

LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆		◆	◆	◆	◆	◆

LEED 2009 for Schools

Acoustic Performance	Low-emitting
	◆

*See "CHPS" explanation on page 149.

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SAINT-GOBAIN

Fine Fissured Customline®

PERFORMANCE SERIES

Mineral Fiber Ceilings

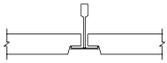


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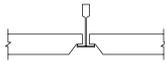
ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED		LR	RECYCLED CONTENT %	
			NRC	CAC		Post	Pre
SAFETONE® CLASS A							
FFCL-224	24 x 48 x 3/4	Reveal	0.60	38	0.84	18	18-27
FFCLN-224	24 x 48 x 3/4	Narrow Reveal	0.60	38	0.84	18	18-27
FFCL-448	24 x 48 x 3/4	Reveal	0.50	38	0.84	18	18-27
FFCLN-448	24 x 48 x 3/4	Narrow Reveal	0.50	38	0.84	18	18-27
FFCL-812	24 x 48 x 3/4	Reveal	0.50	38	0.84	18	18-27
FFCLN-812	24 x 48 x 3/4	Narrow Reveal	0.50	38	0.84	18	18-27
PROTECTONE® (For specific UL fire resistant time-rated assemblies)							
PFCL-224	24 x 48 x 3/4	Reveal	0.50	40	0.84	9	38

ASTM E 1264 Classification: Type III, Form 2, Pattern C D K

Edge Details:

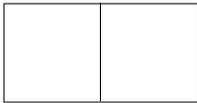


REVEAL EDGE
(Beveled) 1/8" Grid



NARROW REVEAL EDGE
(Beveled) 3/16" Grid

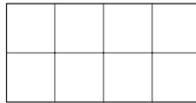
Scoring Options:



24" x 48"
224



24" x 48"
448



24" x 48"
812

Product Features at a Glance:

- COLOR AVAILABILITY
- HIGH DURABILITY
- HIGH LIGHT REFLECTANCE
- RESISTS SAGGING
- BIOSHIELD™
BIOSHIELD TREATMENT INCLUDED FOR ADDED MOLD AND MILDEW RESISTANCE.
- PROTECTONE™/UL FIRE RESISTANCE

Color Options:

IN ADDITION TO TRADITIONAL WHITE, YOU CAN MAKE AN IMPACT WITH ONE OF OUR 5 STANDARD COLORS, FOR ITEM NUMBER: FFCL-224



BEIGE BREEZE



BLONDEWOOD



SILVER LINING



WET CLAY



WHITE WASH



CertainTeed
SAINT-GOBAIN

Fine Fissured High NRC

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- 100% non-directional fissure pattern.
- Excellent for projects requiring high sound absorption.
- No added formaldehyde.

Applications:

- Hospitality
- Retail
- Offices
- Education
- Healthcare
- Restaurants
- Theatres
- Open Plan Areas

Relative Installed Cost:

\$\$\$\$



PERFORMANCE SERIES

LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆		◆	◆	◆	◆	◆

LEED 2009 for Schools

Acoustic Performance	Low-emitting
◆	◆

CertainTeed
SAINT-GOBAIN

Fine Fissured High NRC

PERFORMANCE SERIES

Mineral Fiber Ceilings

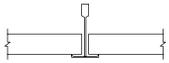


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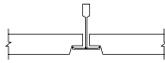
ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED		LR	RECYCLED CONTENT %	
			NRC	CAC		Post	Pre
SAFETONE® CLASS A							
HHF-457 HNRC	24 x 24 x 3/4	Trim	0.70	35	0.83	4	70
HHF-497 HNRC	24 x 48 x 3/4	Trim	0.70	35	0.83	4	70
HHF-454 HNRC	24 x 24 x 3/4	Reveal	0.70	35	0.83	4	70
HHF-494 HNRC	24 x 48 x 3/4	Reveal	0.70	35	0.83	4	70

ASTM E 1264 Classification: Type III, Form 2, Pattern C D

Edge Details:



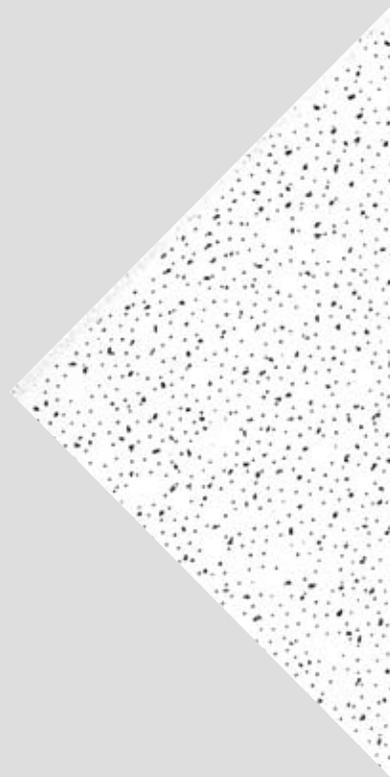
TRIM EDGE
(Square) 1/8" Grid



REVEAL EDGE
(Beveled) 1/8" Grid

Product Features at a Glance:

-  HIGH LIGHT REFLECTANCE
-  NOISE REDUCTION
-  RESISTS SAGGING
-  BIOSHIELD™ BIOSHIELD TREATMENT INCLUDED FOR ADDED MOLD AND MILDEW RESISTANCE.



PERFORMANCE SERIES



CertainTeed
SAINT-GOBAIN

Landmark™

PERFORMANCE SERIES

Specialty Metal Ceilings

Features & Benefits:

- Offers an exciting interior mix of texture and nostalgia.
- Wide range of decorative embossed metal panels combined with authentic cornice and perimeter treatments provide a rich diversity of interior design options.
- Variety of panel sizes, profiles, patterns and finishes available to the creative designer.

Finishes:

- Bare Unfinished Steel
- Baked Enamel Painted Steel
- Anodized Reflective Chrome & Brass
- Copper Plated Steel

Applications:

- Retail
- Restaurants
- Resorts
- Historic Renovations

Relative Installed Cost:

\$\$\$\$



PERFORMANCE SERIES

LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆		◆	◆	◆		

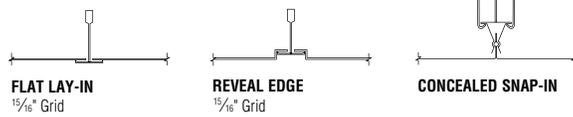
LEED 2009 for Schools

Acoustic Performance	Low-emitting

Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	PANEL TYPE	RECYCLED CONTENT %	
			Post	Pre
LANDMARK PANELS				
All Patterns	24 x 24	Flat Lay-In	62	0
All Patterns	24 x 48	Flat Lay-In	62	0
All Patterns	24 x 48	Flat Nail-Up	62	0
All Patterns	24 x 96	Flat Nail-Up	62	0
60209, 60234, 60321, 60503	24 x 24	Reveal Edge Lay-In	62	0
60209, 60320	24 x 24	Concealed Snap-In	62	0
LANDMARK PERIMETER FILLERS				
60235, 64574, 65007	24 x 48	Flat Only	62	0
64574, 65007	24 x 48	Molded Edge	62	0

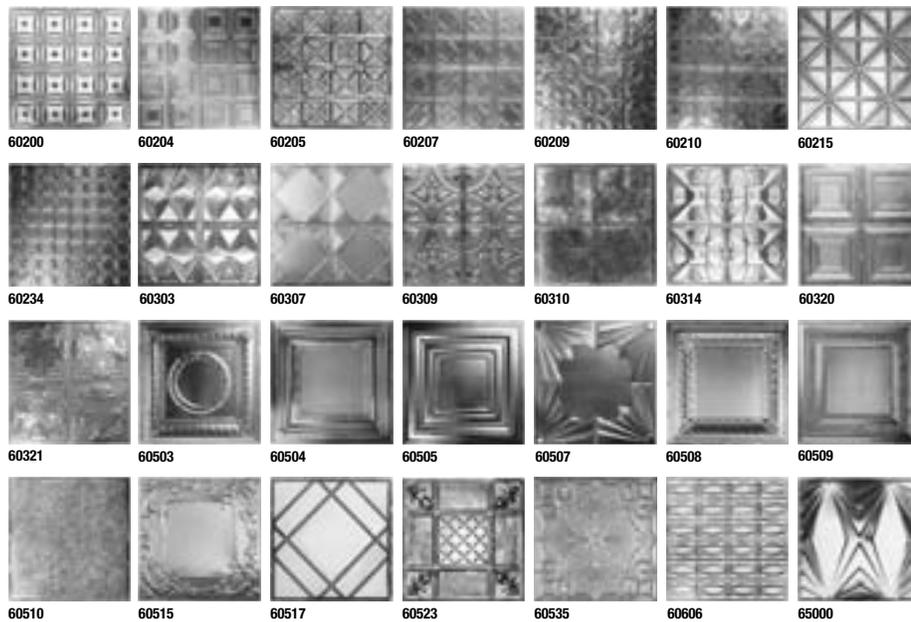
Edge Details:



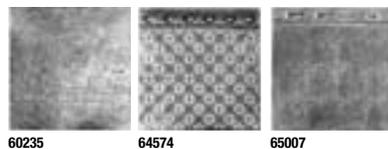
Product Feature:



Patterns:

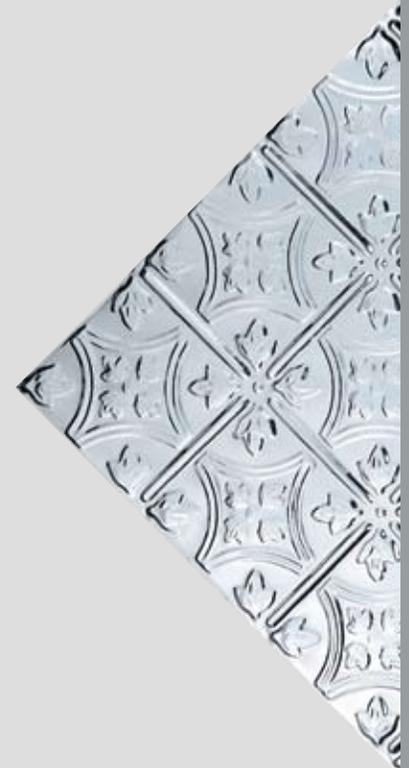


Perimeter Fillers:



A variety of mouldings are also available. Contact your CertainTeed Ceilings Sales Representative or visit www.certainteed.com/ceilings for more information.

Patterns shown are representative of a 2' x 2' panel. Lay-in panels are for use with 15/16" wide exposed tee grid only. 2' x 2' and 2' x 4' panels are available perforated. When ordering bare, unpainted panels, customers are advised to apply oil based paint or a quality polyurethane coating for corrosion resistance.



Open Plan™

PERFORMANCE SERIES

Fiberglass Ceilings

Features & Benefits:

- Excellent sound absorption for speech privacy.
- Balances good acoustical performance with a variety of finish textures and colors.
- High R-value saves on yearly energy costs.
- Humidity resistant.
- Flexible and lightweight panels make installation fast and easy.
- Mat backing (encapsulation) available as an option.
- Completely painted edge available as an option.

Applications:

- Open Plan Office Interiors
- Classrooms
- Libraries
- Museums
- Theaters
- Places of Worship
- Warehouses

Relative Installed Cost:

\$\$\$\$



PERFORMANCE SERIES

LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆		◆	◆	◆		◆	◆	

Attributes:

ITEM NUMBER*	NOMINAL SIZE (Inches)	EDGE DETAIL	R-VALUE	NRC ¹	CAC ²	AC	LR ³	RECYCLED CONTENT %	
SAFETONE® CLASS A								Post	Pre
1442	24 x 24 x 1	Trim, Reveal, Narrow Reveal	4.3	0.95	25	190	0.84	37-44	0
1440	24 x 48 x 1	Trim, Reveal, Narrow Reveal	4.3	0.95	25	190	0.84	37-44	0
1446	24 x 96 x 1	Trim	4.3	0.95	25	190	0.84	37-44	0
1444	48 x 48 x 1	Trim, Reveal, Narrow Reveal	4.3	0.95	25	190	0.84	37-44	0
1467 ⁴	20 x 60 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44	0
1462	24 x 24 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44	0
1460	24 x 48 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44	0
1461 ⁴	24 x 60 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44	0
1466	24 x 96 x 1-1/2	Trim	6.5	1.00	26	200	0.84	37-44	0
1463 ⁴	30 x 30 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44	0
1469 ⁴	30 x 60 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44	0
1464	48 x 48 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44	0
1465 ⁴	48 x 60 x 1-1/2	Trim	6.5	1.00	26	200	0.84	37-44	0
1470 ⁴	60 x 60 x 1-1/2	Trim, Reveal, Narrow Reveal	6.5	1.00	26	200	0.84	37-44	0
1492	24 x 24 x 3	Trim	13.6	1.05	30	210	0.84	37-44	0
1490	24 x 48 x 3	Trim	13.6	1.05	30	210	0.84	37-44	0



***Ordering Procedure:** To order preferences for edge details and finishes, select the item number above, then add the appropriate Edge Detail Code and Finish Code below. For foil backing add a F to the code. For perforation add P to the code.

Example:

Item Number	Edge Detail Code (Other than Trim)	Finish Code	Foil Backing
Select from chart	B Reveal (15/16") F Narrow Reveal (9/16")	White Elite Unperforated ELT-1 White Elite Perforated ELTP-1 White Nubby NBY-1 Black Nubby NBY-5	F represents Foil Backing (Leave blank for no foil backing)
Example: 1442	1442 B 1442 F	1442- ELT-1	1442-NBY-1 F 1442-NBY-1

White Elite and Black Nubby available in Trim Edge only. Items 1490 and 1492 available in White Elite only.

ASTM E 1264 Classification: **White Elite Finish:** Type XII, Form 1, Pattern C E (perforated), E (unperforated)

Nubby Finishes: Type XII, Form 2, Pattern E

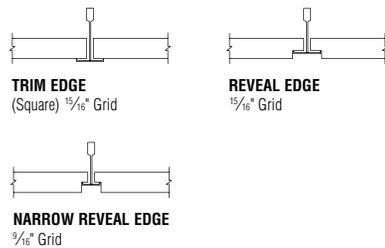
¹ NRC values for White Nubby, Black Nubby, and White Elite *perforated*

² With optional foil backing

³ LR values for White Nubby only

⁴ Not available in Black Nubby (NBY-5)

Edge Details:



Finishes:

LR=Light Reflectance



Product Features at a Glance:

- FINISHES
- HIGH LIGHT REFLECTANCE[†]
- NOISE REDUCTION
- RESISTS SAGGING

[†] White Nubby only.



Sand Micro™

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- Special pulverized-marble aggregate coating provides rugged durability.
- High humidity and sag resistant.
- Offers upscale look with additional durability.
- Lightly textured surface provides attractive finish with excellent light reflectance and durability.
- Micro perforated for sound absorption.
- No added formaldehyde.

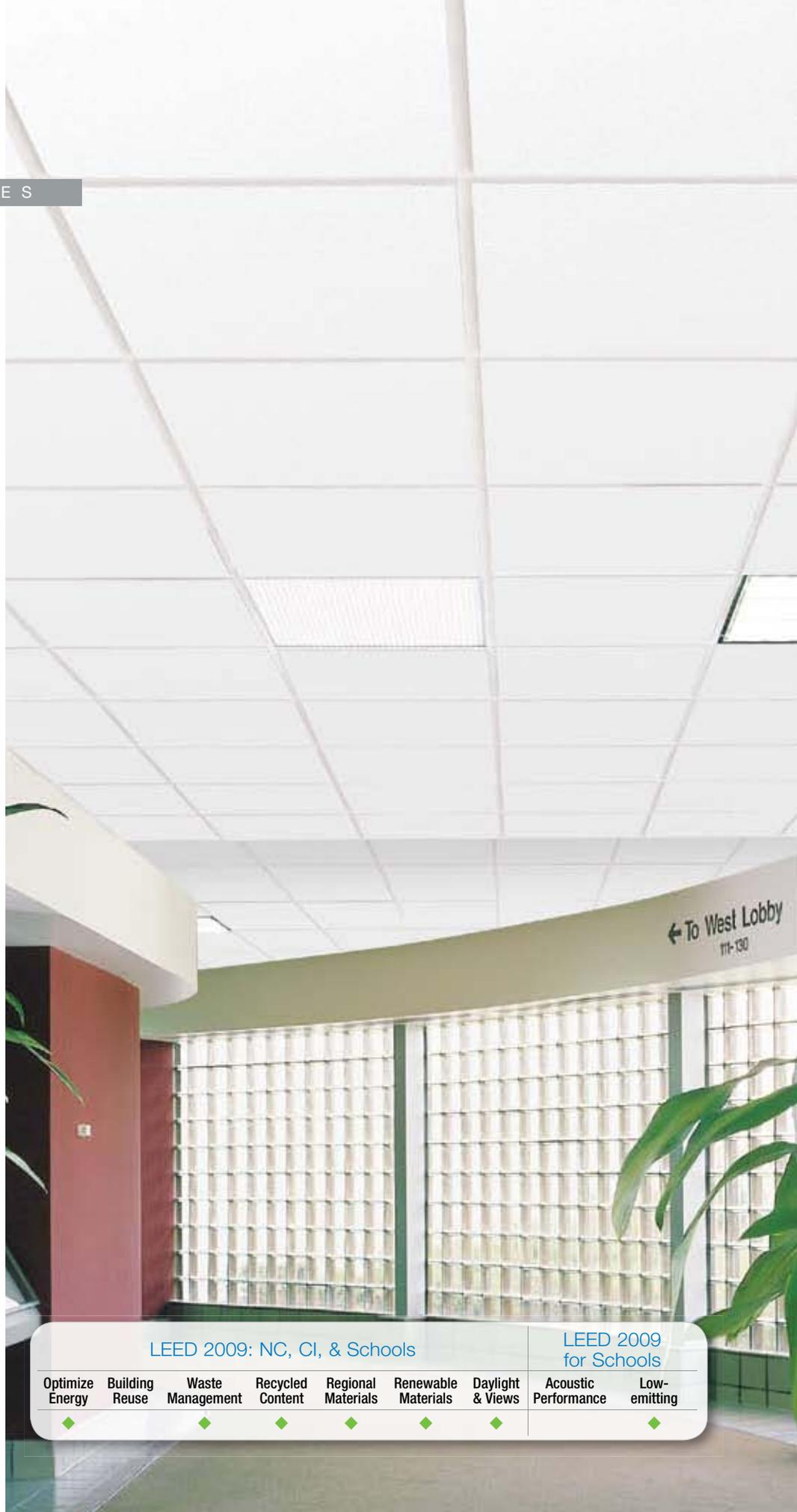
Applications:

- Education
- Retail
- Malls
- Offices
- Healthcare
- Restaurants
- Airports
- Reception Areas

Relative Installed Cost:

\$\$\$\$

PERFORMANCE SERIES



LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆		◆	◆	◆	◆	◆		◆

Sand Micro™

PERFORMANCE SERIES

Mineral Fiber Ceilings



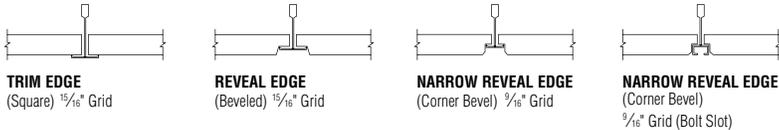
Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED		LR	RECYCLED CONTENT %	
			NRC	CAC		Post	Pre
SAFETONE® CLASS A							
SHM-150	24 x 24 x 5/8	Narrow Reveal	0.50	33	0.88	18	18-27
SHM-154	24 x 24 x 5/8	Reveal	0.50	33	0.88	18	18-27
SHM-157	24 x 24 x 5/8	Trim	0.50	33	0.88	18	18-27
SHM-190	24 x 48 x 5/8	Narrow Reveal	0.50	35	0.88	18	18-27
SHM-194	24 x 48 x 5/8	Reveal	0.50	35	0.88	18	18-27
SHM-197	24 x 48 x 5/8	Trim	0.50	35	0.88	18	18-27

ASTM E 1264 Classification: Type III, Form 2, Pattern C E

* Metric sizes available

Edge Details:



Product Features at a Glance:

- HIGH LIGHT REFLECTANCE
- RESISTS SAGGING
- WASHABLE
- BIOSHIELD™ BIOSHIELD TREATMENT INCLUDED FOR ADDED MOLD AND MILDEW RESISTANCE.



PERFORMANCE SERIES



Sand Micro[™] Customline[®]

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- Special pulverized marble aggregate coating for rugged durability.
- Upscale look that offers durability and resists sagging.
- Clean 3-dimensional scoring for visual impact.
- Scoring gives the appearance of 2' x 2' panels without the need for 2' x 2' grid system or labor.
- Micro perforated for aesthetics and sound absorption.
- Lightly textured surface provides an attractive finish with excellent light reflectance and durability.
- No added formaldehyde.

Applications:

- Hospitality
- Retail
- Offices
- Education
- Healthcare
- Restaurants

Relative Installed Cost:

\$\$\$\$

PERFORMANCE SERIES



LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆		◆	◆	◆	◆	◆		◆

Sand Micro CustomlineTM

PERFORMANCE SERIES

Mineral Fiber Ceilings



Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED		LR	RECYCLED CONTENT %	
			NRC	CAC		Post	Pre
SAFETONE[®] CLASS A							
SMCL-224	24 x 48 x 3/4	Reveal	0.50	35	0.88	18	18-27

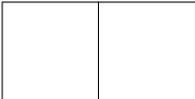
ASTM E 1264 Classification: Type III, Form 2, Pattern C E K

Edge Detail:



REVEAL EDGE
(Beveled) 15/16" Grid

Scoring Option:



224

Product Features at a Glance:

-  HIGH LIGHT REFLECTANCE
-  RESISTS SAGGING
-  WASHABLE
-  BIOSHIELD[™] BIOSHIELD TREATMENT **INCLUDED** FOR ADDED MOLD AND MILDEW RESISTANCE.



PERFORMANCE SERIES

CertainTeed
SAINT-GOBAIN

School Board®

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

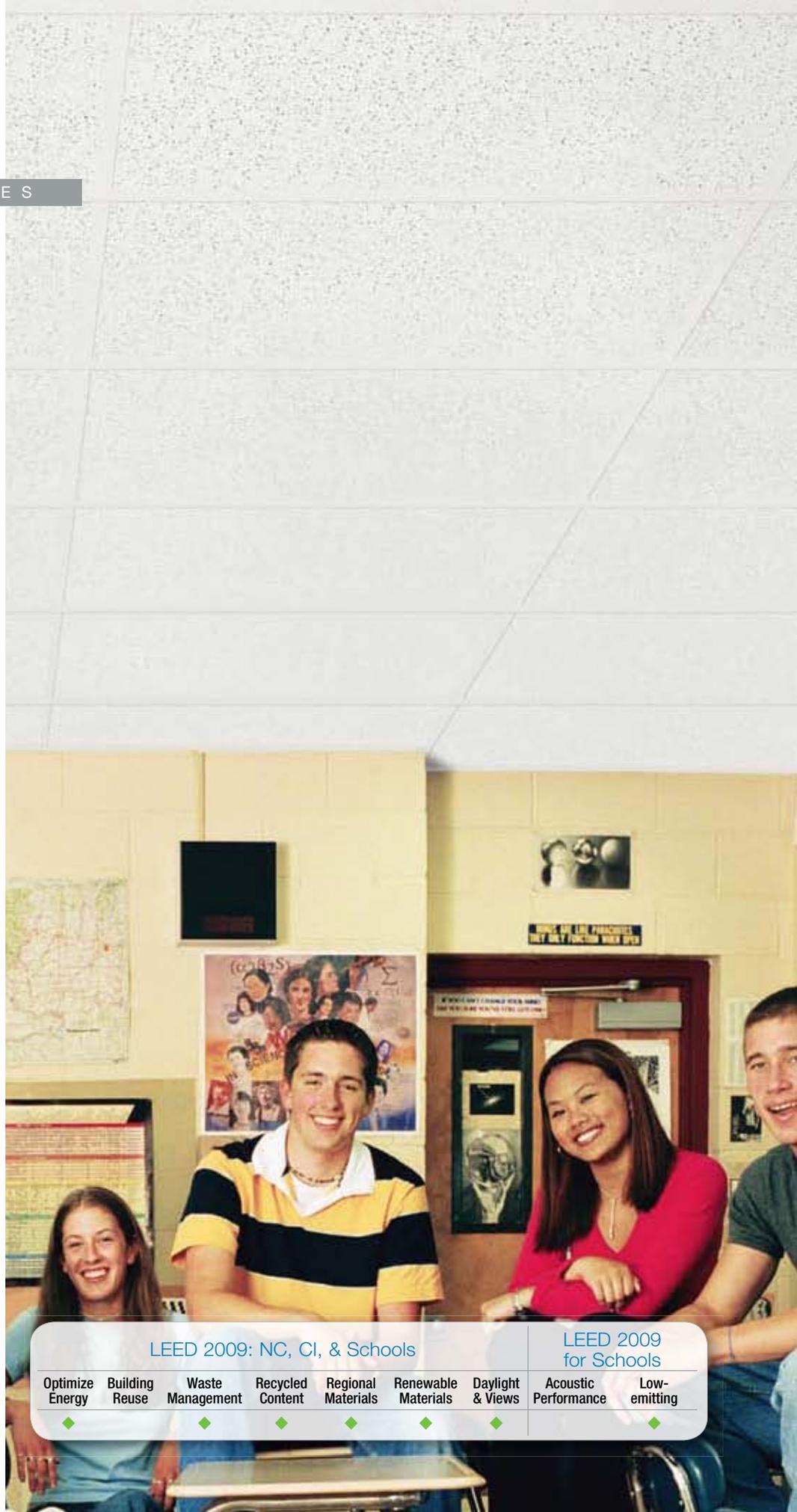
- Up to 25% higher surface hardness than conventional wet-felted ceiling products per ASTM C 367 testing.
- High light reflectance suitable for indirect lighting applications.
- No added formaldehyde.

Applications:

- Schools
- Dorms
- Day Cares
- Education

Relative Installed Cost:

\$\$\$\$



PERFORMANCE SERIES

LEED 2009: NC, CI, & Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views
◆		◆	◆	◆	◆	◆

LEED 2009 for Schools

Acoustic Performance	Low-emitting
	◆

School Board®

PERFORMANCE SERIES

Mineral Fiber Ceilings

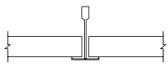


Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED			RECYCLED CONTENT %	
			NRC	CAC	LR	Post	Pre
SAFETONE® CLASS A							
FFSB-157	24 x 24 x 5/8	Trim	0.55	35	0.84	18	18-27
FFSB-197	24 x 48 x 5/8	Trim	0.55	35	0.84	18	18-27
PROTECTONE® (For specific UL fire resistant time-rated assemblies)							
PFFSB-157	24 x 24 x 5/8	Trim	0.55	35	0.84	9	38
PFFSB-197	24 x 48 x 5/8	Trim	0.55	40	0.84	9	38

ASTM E 1264 Classification: Type III, Form 2, Pattern C D

Edge Detail:

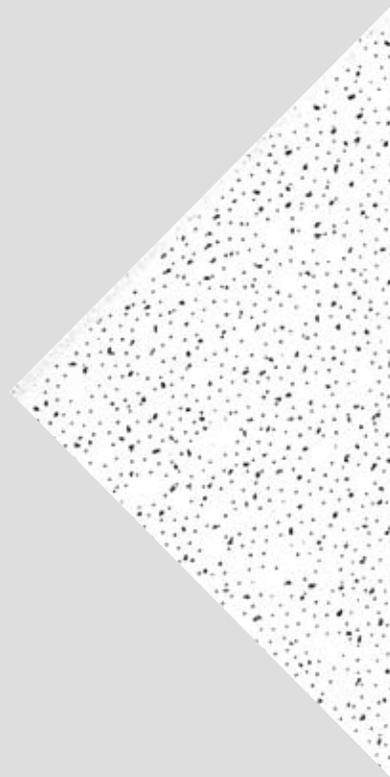


TRIM EDGE
(Square) 1/4" Grid

Product Features at a Glance:



BIOSHIELD™
BIOSHIELD TREATMENT **INCLUDED** FOR
ADDED MOLD AND MILDEW RESISTANCE.



PERFORMANCE SERIES



CertainTeed
SAINT-GOBAIN

Symphony® f

PERFORMANCE SERIES

Fiberglass Ceilings

Features & Benefits:

- Superior sound absorption.
- Scrub tested to 5000+ cycles with no sign of wear.
- Overtone® finish features extremely high light reflectance.
- Perfect for enhanced speech privacy and exceptional productivity in open plan environments.
- Moisture resistant.
- Mix with other Overtone® finish products for Fine Tuning possibilities (page 143).

Applications:

- Open Plan Areas
- Offices
- Restaurants
- Healthcare
- Libraries
- Galleries
- Resorts

Relative Installed Cost:

\$\$\$\$



LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆	◆	◆	◆	◆		◆	◆	

Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL*	NRC	CAC†	AC	LR	RECYCLED CONTENT %	
							Post	Pre
SAFETONE® CLASS A								
1322-OVT-1	24 x 24 x 3/4	Trim	0.80	22	190	0.90	39-43	0
1320-OVT-1	24 x 48 x 3/4	Trim	0.80	24	190	0.90	39-43	0
1342-OVT-1	24 x 24 x 1	Trim, Reveal, Narrow Reveal	0.95	24	200	0.90	39-43	0
1340-OVT-1	24 x 48 x 1	Trim, Reveal, Narrow Reveal	0.95	25	200	0.90	39-43	0
1358-OVT-1	24 x 72 x 1	Trim, Reveal, Narrow Reveal	0.95	25	200	0.90	39-43	0
1346-OVT-1	24 x 96 x 1	Trim	0.95	25	200	0.90	39-43	0
1344-OVT-1	48 x 48 x 1	Trim, Reveal, Narrow Reveal	0.95	25	200	0.90	39-43	0
1362-OVT-1	24 x 24 x 1-1/2	Trim, Reveal, Narrow Reveal	0.95	25	210	0.90	39-43	0
1360-OVT-1	24 x 48 x 1-1/2	Trim, Reveal, Narrow Reveal	0.95	25	210	0.90	39-43	0
1366-OVT-1	24 x 96 x 1-1/2	Trim	0.95	25	210	0.90	39-43	0
1364-OVT-1	48 x 48 x 1-1/2	Trim, Reveal, Narrow Reveal	0.95	25	210	0.90	39-43	0

ASTM E 1264 Classification: Type XII, Form 2, Pattern E

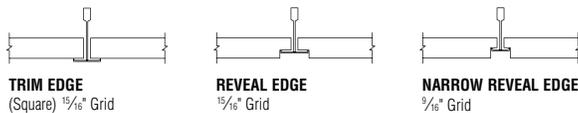
† With optional Foil Backing

***Ordering Procedure:** To order preferences for edge details, select the item number above, then add the appropriate Edge Detail code below. For foil backing add F to the code.

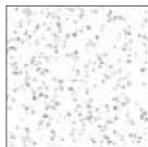
Example:

Item Number	Edge Detail Code (Other than Trim)	Foil Backing
Select from chart	B Reveal (15/16") F Narrow Reveal (9/16")	F represents foil backing (Leave blank for no foil backing)
Example: 1362-OVT-1	1362 B -OVT-1 1362 F -OVT-1	1362-OVT-1 F 1362-OVT-1

Edge Details:



Finish:



WHITE OVERTONE® – OVT-1

Product Features at a Glance:



Symphony[®] g

PERFORMANCE SERIES

Gypsum Ceilings

Features & Benefits:

- Gypsum core with reinforced mat face.
- Overtone[®] finish features extremely high light reflectance.
- High CAC controls unwanted noise from entering room or adjoining spaces through the plenum.
- Overtone[®] facing achieves monolithic architectural design appearance.
- Scrub tested to 5000+ cycles with no sign of wear.
- Mix with other Overtone[®] finish products for Fine Tuning possibilities (page 143).
- No added formaldehyde.

Applications:

- Open Plan Areas
- Offices
- Restaurants
- Healthcare
- Libraries
- Galleries
- Resorts

Relative Installed Cost:

\$\$\$\$



PERFORMANCE SERIES

LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆	◆	◆		◆		◆		◆

Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	LR	RECYCLED CONTENT %	
						Post	Pre
SAFETONE® CLASS A							
1112-OVT-1	24 x 24 x 1/2	Trim	—	40	0.90	0	8
1110-OVT-1	24 x 48 x 1/2	Trim	—	42	0.90	0	8

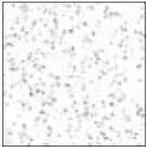
ASTM E 1264 Classification: Type XX, Pattern E

Edge Detail:



TRIM EDGE
(Square) 1/8" Grid

Finish:



WHITE OVERTONE® – OVT-1

Product Features at a Glance:

- HIGH DURABILITY
- HIGH LIGHT REFLECTANCE
- RESISTS SAGGING
- WASHABLE/ SCRUBBABLE



Symphony® m

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- Superior sound absorption.
- Overtone® finish features extremely high light reflectance.
- Reduces excess noise to help create a more productive work environment.
- Scrub tested to 5000+ cycles with no sign of wear.
- High light reflectance enhances conventional lighting, increasing employee performance by minimizing fatigue.
- Mix with other Overtone® finish products for Fine Tuning possibilities (page 143).
- No added formaldehyde.

Applications:

- Open Plan Areas
- Offices
- Restaurants
- Healthcare
- Libraries
- Galleries
- Resorts

Relative Installed Cost:

\$\$\$\$



LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆	◆	◆	◆	◆	◆	◆	◆	◆

Symphony[®] m

PERFORMANCE SERIES

Mineral Fiber Ceilings



Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL*	NRC	CAC	LR	RECYCLED CONTENT %	
SAFETONE[®] CLASS A						Post	Pre
1222-OVT-1	24 x 24 x 3/4	Trim, Reveal, Narrow Reveal	0.70	33	0.90	4	68
1220-OVT-1	24 x 48 x 3/4	Trim, Reveal, Narrow Reveal	0.70	35	0.90	4	68

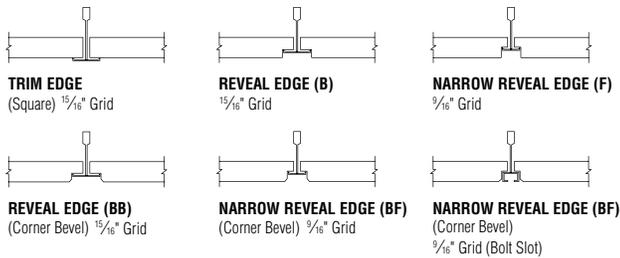
ASTM E 1264 Classification: Type IV, Form 2, Pattern E

***Ordering Procedure:** To order preferences for edge details, select the item number above, then add the appropriate Edge Detail Code below.

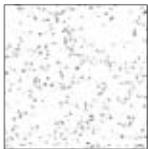
Example:

Item Number	Edge Detail Code (Other than Trim)
Select from chart	BB represents Reveal Corner Bevel (15/16") BF represents Narrow Reveal Corner Bevel (9/16") B represents Reveal (15/16") F represents Narrow Reveal (9/16")
Example: 1220-OVT-1	1220 BB -OVT-1 1220 BF -OVT-1

Edge Details:



Finish:



WHITE OVERTONE[®] – OVT-1

Product Features at a Glance:

- HIGH DURABILITY
- HIGH LIGHT REFLECTANCE
- NOISE REDUCTION
- RESISTS SAGGING
- BIOSHIELD™ BIOSHIELD TREATMENT INCLUDED FOR ADDED MOLD AND MILDEW RESISTANCE.
- WASHABLE/ SCRUBBABLE



PERFORMANCE SERIES

CertainTeed
SAINT-GOBAIN

Theatre Black *f*

PERFORMANCE SERIES

Fiberglass Ceilings

Features & Benefits:

- Specifically developed to meet acoustical requirements for theatre applications.
- Rich matte black color enhances theatre aesthetics.
- Creates a unique atmosphere from the typical white tile application.
- Humidity and sag resistant.

Applications:

- Theatres
- School Auditoriums
- Salons
- Galleries
- Restaurants

Relative Installed Cost:

\$\$\$\$



LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize
Energy



Building
Reuse

Waste
Management



Recycled
Content



Regional
Materials



Renewable
Materials



Daylight
& Views

Acoustic
Performance

Low-
emitting

CertainTeed
SAINT-GOBAIN

Theatre Black f

PERFORMANCE SERIES

Fiberglass Ceilings

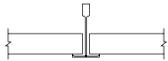
Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	R-VALUE	NRC	CAC†	AC	LR	RECYCLED CONTENT %		
SAFETONE® CLASS A										
								Post	Pre	
1912-THB-5	24 x 24 x 5/8	Trim	2.7	0.75	20	180	—	33-39	0	
1910-THB-5	24 x 48 x 5/8	Trim	2.7	0.75	20	180	—	33-39	0	
1942-THB-5	24 x 24 x 1	Trim	4.3	0.90	25	190	—	33-39	0	
1940-THB-5	24 x 48 x 1	Trim	4.3	0.90	25	190	—	33-39	0	

ASTM E 1264 Classification: Type XII, Form 2, Pattern E

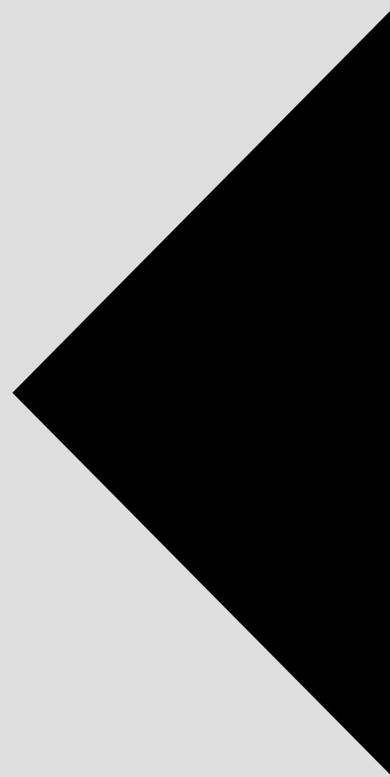
† With optional Foil Backing.

Edge Detail:



TRIM EDGE
(Square) 1/8" Grid

Product Features at a Glance:



PERFORMANCE SERIES



CertainTeed
SAINT-GOBAIN

Vantage 10™

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- High humidity and sag resistant.
- Attractive non-directional pattern.
- Classic mineral ceilings look with sag resistant core.
- No added formaldehyde.

Applications:

- Hospitality
- Education
- Retail
- Healthcare
- Restaurants

Relative Installed Cost:

\$\$\$\$



PERFORMANCE SERIES

LEED 2009: NC, CI, & Schools							LEED 2009 for Schools	
Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆		◆	◆	◆	◆	◆		◆

Vantage 10™

PERFORMANCE SERIES

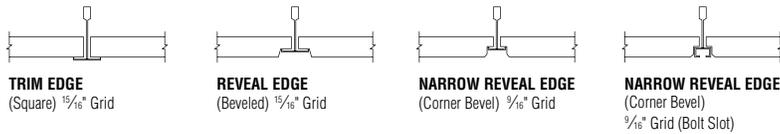
Mineral Fiber Ceilings

Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	UL CLASSIFIED			RECYCLED CONTENT %	
			NRC	CAC	LR	Post	Pre
SAFETONE® CLASS A							
VAN-150	24 x 24 x 5/8	Narrow Reveal	0.60	33	0.83	18	18-27
VAN-154	24 x 24 x 5/8	Reveal	0.60	33	0.83	18	18-27
VAN-157	24 x 24 x 5/8	Trim	0.60	33	0.83	18	18-27
VAN-197	24 x 48 x 5/8	Trim	0.60	35	0.83	18	18-27
PROTECTONE® (For specific UL fire resistant time-rated assemblies)							
PVN-154	24 x 24 x 5/8	Reveal	0.55	35	0.83	9	38
PVN-157	24 x 24 x 5/8	Trim	0.55	35	0.83	9	38
PVN-197	24 x 48 x 5/8	Trim	0.55	40	0.83	9	38

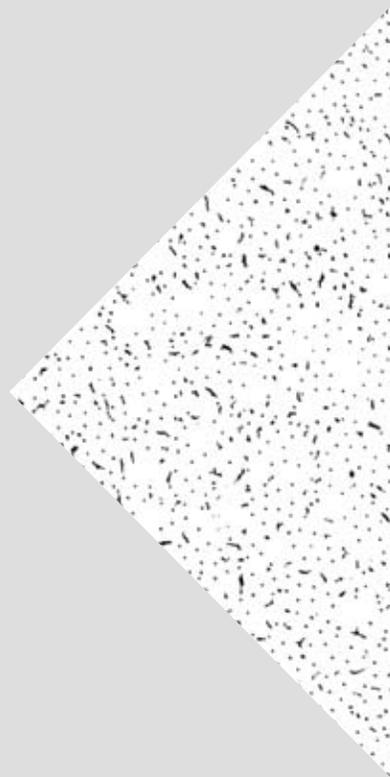
ASTM E 1264 Classification: Type III, Form 2, Pattern C D

Edge Details:



Product Features at a Glance:

-  HIGH LIGHT REFLECTANCE
-  PROTECTONE®/UL FIRE RESISTANCE
-  RESISTS SAGGING
-  BIOSHIELD™ BIOSHIELD TREATMENT INCLUDED FOR ADDED MOLD AND MILDEW RESISTANCE.



PERFORMANCE SERIES



CertainTeed
SAINT-GOBAIN

Versatone™

PERFORMANCE SERIES

Fiberglass Ceilings

Features & Benefits:

- Vinyl-faced fiberglass panel.
- Ideally suited for environments where economical installation and low maintenance are primary considerations.
- Exceptional sound absorption.
- Handsomely embossed vinyl facings are soil/odor resistant and washable, providing an easily maintained surface.

Applications:

- Offices
- Retail
- Healthcare
- Open Plan Areas
- Warehouses

Relative Installed Cost:

\$\$\$\$



LEED 2009: NC, CI, & Schools							LEED 2009 for Schools	
Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆		◆	◆	◆			◆	

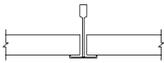
Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	R-VALUE	NRC PERF.*	NRC UNPERF.	CAC	AC	LR	RECYCLED CONTENT %	
SAFETONE® CLASS A										
									Post	Pre
1532-VIN-1	24 x 24 x 5/8	Trim	2.7	0.70	0.65	—	180	0.79	41-42	0
1530-VIN-1	24 x 48 x 5/8	Trim	2.7	0.70	0.65	—	180	0.79	41-42	0
White Astra										
1532-AST-1	24 x 24 x 5/8	Trim	2.7	0.70	0.65	—	180	0.78	41-42	0
1530-AST-1	24 x 48 x 5/8	Trim	2.7	0.70	0.65	—	180	0.78	41-42	0
White Stipple										
1532-STP-1	24 x 24 x 5/8	Trim	2.7	0.70	0.65	—	180	0.73	41-42	0
1530-STP-1	24 x 48 x 5/8	Trim	2.7	0.70	0.65	—	180	0.73	41-42	0
Black Astra										
1532-AST-5	24 x 24 x 5/8	Trim	2.7	0.70	0.65	—	180	—	41-42	0
1530-AST-5	24 x 48 x 5/8	Trim	2.7	0.70	0.65	—	180	—	41-42	0

ASTM E 1264 Classification: Type XII, Form 1, Pattern C E (perforated), E (unperforated)

*Ordering Procedure: To order perforation, add P to code.
Example: 1532-VINP-1

Edge Detail:



TRIM EDGE
(Square) 1/8" Grid

Finishes:

LR=Light Reflectance



WHITE ASTRA
AST-1 (LR=0.78)



BLACK ASTRA
AST-5 (LR=0.03)



WHITE STIPPLE
STP-1 (LR=0.73)



WHITE VINTAGE
VIN-1 (LR=0.79)

Product Features at a Glance:

-  FINISHES
-  NOISE REDUCTION
-  RESISTS SAGGING
-  WASHABLE/ SCRUBBABLE



Vinylrock™

PERFORMANCE SERIES

Gypsum Ceilings

Features & Benefits:

- Vinyl-faced gypsum panel.
- Appropriate for use in ceilings that require repeated cleaning, and suitable for cleaning with common disinfecting chemicals.
- Satisfies USDA/FSIS guidelines for sanitary applications.
- Approved for use in federally registered Canadian food establishments.
- Suitable clean room component to ISO class 5 (class 100).
- Does not contain formaldehyde.

Applications:

- Hospitals
- Food Processing

Relative Installed Cost:

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LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆	◆			◆		◆		◆

Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	LR	RECYCLED CONTENT %	
						Post	Pre
SAFETONE® CLASS A							
1142-CRF-1	24 x 24 x 1/2	Trim	—	38	0.78	0	0
1140-CRF-1	24 x 48 x 1/2	Trim	—	40	0.78	0	0

ASTM E 1264 Classification: Type XX, Pattern G

Edge Detail:



TRIM EDGE
(Square) 1/16" Grid

Finish:



WHITE CRF – CRF-1

Product Features at a Glance:

-  HIGH DURABILITY
-  RESISTS SAGGING
-  WASHABLE/SCRUBBABLE



VinylShield™ A, C

PERFORMANCE SERIES

Mineral Fiber Ceilings

Features & Benefits:

- Designed for sanitary and clean room applications or where low particle emission and maximum cleanliness are required.
- Suitable for cleaning with common disinfecting chemicals.
- Satisfies USDA/FSIS guidelines for sanitary applications.
- Approved for use in federally registered Canadian food establishments.
- Meets federal sanitary requirements for certain clean room and food processing areas.
- Suitable clean room component to ISO class 5 (class 100).
- No added formaldehyde.

VinylShield™ A

- Vinyl facing provides an easy-to-clean, abuse and stain-resistant ceiling perfect for restrooms, laboratories, hospitals and sanitary food service areas.

VinylShield™ C

- Vinyl on face and back plus sprayed sealed perimeter edge encloses entire panel and dramatically reduces particle emission for clean room applications.

Applications:

- Clean Room/Laboratory
- Education
- Healthcare
- Restaurants
- Food Preparation

Relative Installed Cost:

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PERFORMANCE SERIES

LEED 2009: NC, CI, & Schools

LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
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CertainTeed
SAINT-GOBAIN

VinylShield™ A, C

PERFORMANCE SERIES

Attributes:

Mineral Fiber Ceilings

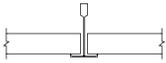
ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	LR	CLEAN ROOM CLASS		RECYCLED CONTENT %	
						FS 209E	ISO 14644-1	Post	Pre
SAFETONE® CLASS A									
VinylShield™ A – White CRF									
1102-CRF-1	24 x 24 x 5/8	Trim	—	39	0.78	100	5	9	37-38
1100-CRF-1	24 x 48 x 5/8	Trim	—	41	0.78	100	5	9	37-38
SAFETONE® CLASS A									
VinylShield™ C – White CRF									
1172-CRF-1	24 x 24 x 5/8	Trim	—	40	0.78	100	5	9	37-38
1170-CRF-1	24 x 48 x 5/8	Trim	—	42	0.78	100	5	9	37-38

ASTM E 1264 Classification: Type X*, Pattern G (White CRF)

* Also meets Type IV, Form 2, Pattern G classification.



Edge Detail:



TRIM EDGE
(Square) 1/8" Grid

Finishes:



WHITE CRF – CRF-1

Product Features at a Glance:

-  **HIGH DURABILITY**
-  **RESISTS SAGGING**
-  **WASHABLE/ SCRUBBABLE**
-  **BIOSHIELD™**
BIOSHIELD TREATMENT **INCLUDED** FOR ADDED MOLD AND MILDEW RESISTANCE.



CertainTeed
SAINT-GOBAIN





Suspension Systems

Suspension Systems

Features & Benefits:

Our Ceiling Suspension Systems meet a variety of user needs and preferences by incorporating styles, features and face widths that are widely used in contemporary interior design. 15 year limited warranty.

15/16" Suspension Systems

- Classic Stab
- Classic Hook
- Classic Aluminum Capped Stab
- Classic Aluminum Capped Hook
- Classic Environmental Stab

9/16" Suspension Systems

- Elite Narrow Stab
- Smoothline Bolt Slot

Specialty Suspension Systems

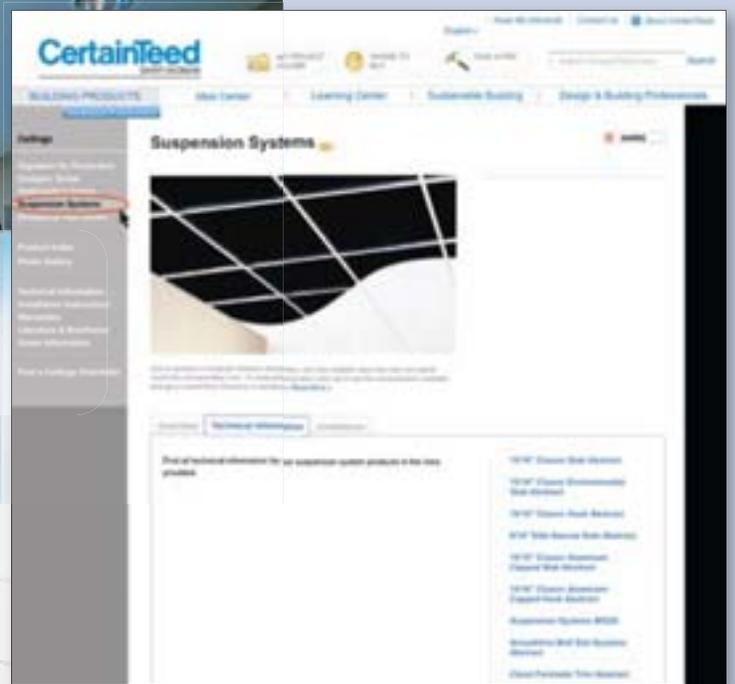
- Wall Angle and Accessories
- Cloud Perimeter Trim (Straight and Curved)



Suspension Systems



Please visit www.certainteed.com/ceilings for more information on suspension systems.





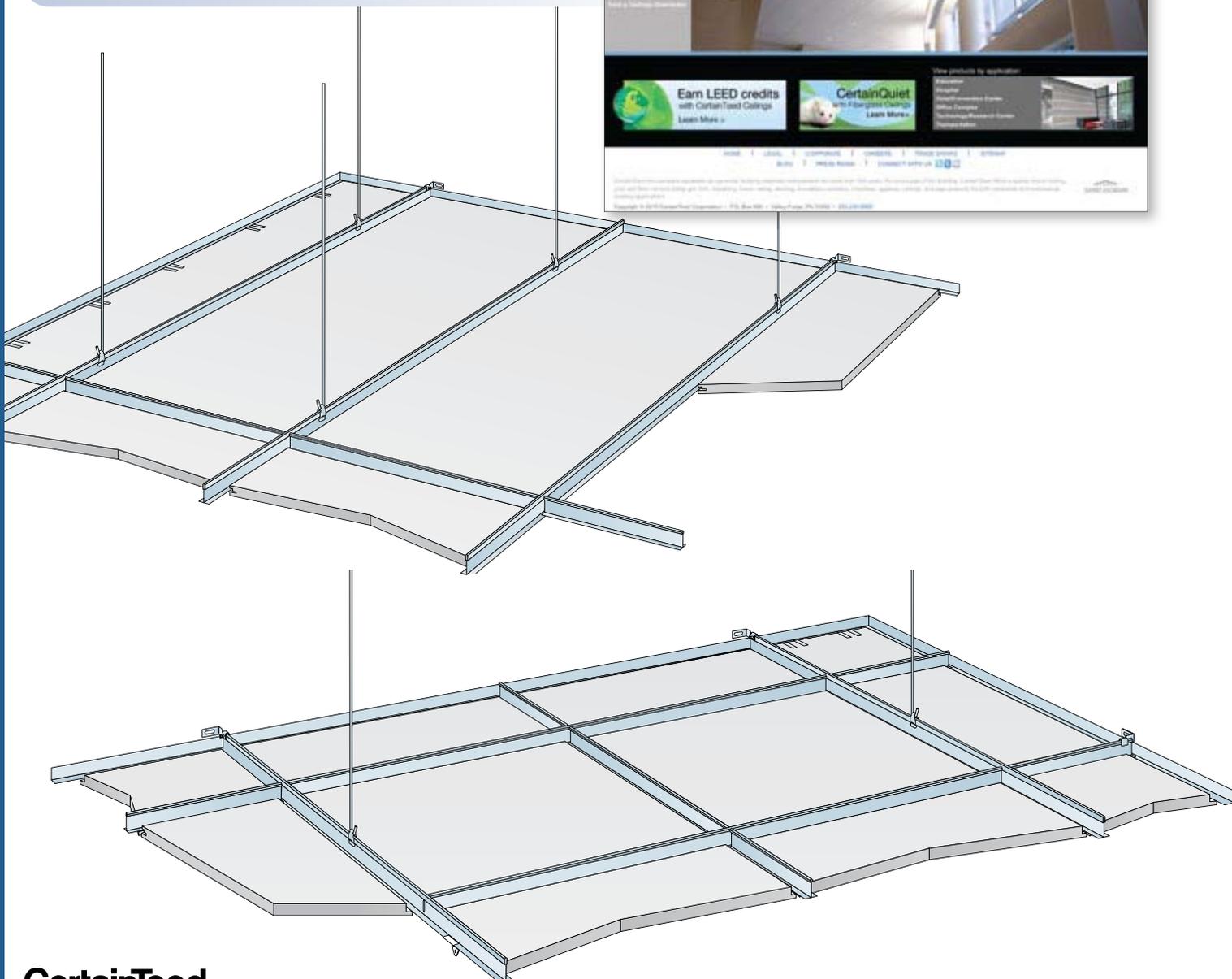
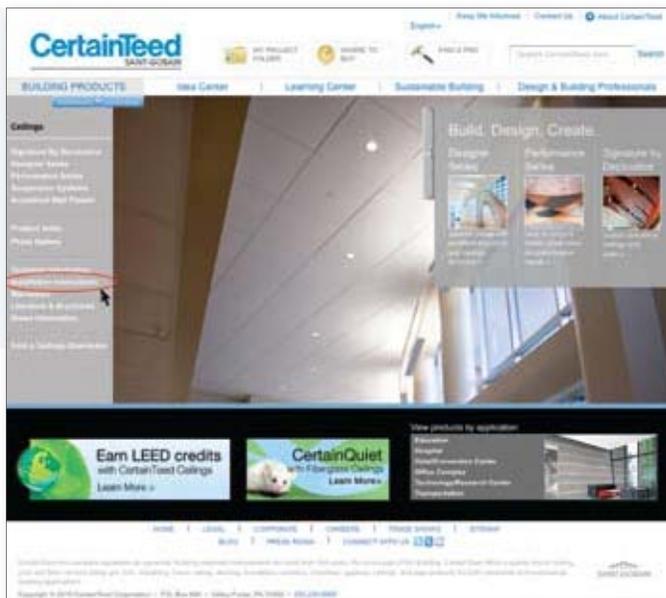


Technical Information

Technical Information

INSTALLATION INSTRUCTIONS

Please visit www.certainteed.com/ceilings for detailed installation instructions to achieve optimal function and aesthetics from CertainTeed Ceilings products. You will find pre-installation instructions as well as installation guides for specific edge details.



Technical Information

SURFACE BURNING CHARACTERISTICS

Per ASTM E 84 (UL 723, UBC 8-1, NFPA 255, CAN/ULC 5201M)

Product (All Sizes)	Flame Spread	Smoke Developed
Wet-Felted Protectone® (Baroque™, Baroque™ Customline®, Directional Fissured, Fine Fissured, Fine Fissured Customline®, School Board®, Vantage 10™)	25	10
Wet-Felted Safetone® (Baroque™, Baroque™ Customline®, Directional Fissured, Fine Fissured, Fine Fissured Customline®, Sand Micro™, Sand Micro™ Customline®, School Board®, Vantage 10™)	25	0
Nodular Protectone® (Cashmere®)	25	10
Nodular Safetone® (Cashmere®, Cashmere® Customline®, Cashmere® High NRC, Cashmere® Style Edge, Fine Fissured High NRC)	25	10
Ecophon® Painted Faced (Focus™, Solo, Hygiene™ Performance, Hygiene™ Protec, Master™)	25	10
Ecophon® Plastic Faced (Hygiene™ Advance)	15	15
Ecophon® Mat Faced (Super G™)	5	5
Gyptone® (BASE 31™, LINE 4™, POINT 11™, QUATTRO 20™)	6	0
Adagio®, Adagio® High CAC, Symphony® <i>f</i> , Symphony® <i>g</i> , TufCore™	20	10
Open Plan™, Theatre Black <i>f</i>	15	10
Symphony® <i>m</i>	25	30
Envirogard™, Vinylrock™	5	5
Aquarock™	7	3
Versatone™, VinylShield™ A, C	25	50
Landmark™	0	0

All Performance Series and Designer Series ceiling panels by CertainTeed Ceilings are Class A.

These numerical ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions

Technical Information

FIRE RESISTANCE TIME-RATED DESIGNS

Protectone® Acoustical Products

(Fire ratings specified in this section pertain to UL Classifications which are based on standard test method ANSI/UL 263, ASTM E 119, UBC 7-1, NFPA 251, CAN/ULC – S101M)

FLOOR/CEILING ASSEMBLIES¹

Type of Construction	Maximum Time Rating (Hrs)	UL Design Number	Concrete Thickness	Panel or Tile Size	Panel or Tile Type ²	Edge Detail Allowed ³	Panel or Tile Thickness	Minimum Fixture Area or No. (ft ² /100 ft ²)	Maximum Duct Area or No. (in ² /100 ft ²)	Maximum Grid System
Concrete on steel floor and form units	2	D203	2-1/2"	24" x 24", 36" or 48"	Wet-Felted/G2	T, R	5/8", 3/4"	24	576	Exposed 15/16" Tee
Concrete on steel floor and form units	2	D205	2-1/2"	24" x 48"	Wet-Felted/G2	T	5/8", 3/4"	24	—	Exposed 15/16" Tee
Concrete on metal lath or corrugated steel deck, steel joists	2	G208	2-1/2"	24" x 24", 36", 48" or 60" and 20" x 60"	Wet-Felted/G2	T, R, G	5/8", 3/4"	25	576	Exposed 15/16" Tee
Concrete on metal lath, steel joists	2	G218	2-1/2"	24" x 24", 36" or 48"	Wet-Felted/G2	T, R, G	5/8", 3/4"	25	576	Exposed 15/16" Tee
Concrete on metal lath, steel joists	2	G248	2-1/2"	24" x 24", 36" or 48"	Wet-Felted/G2	T, R, G	5/8", 3/4"	—	—	Exposed 15/16" Tee
Concrete on metal lath or corrugated steel deck, steel joists	2	G255	2-1/2"	24" x 48" or 20" x 60"	Wet-Felted/G2	T, R, G	5/8", 3/4"	24	576	Exposed 15/16" Tee
Wood Deck	1	L201	—	24" x 24", 36" or 48"	Wet-Felted/G2	T, R	5/8", 3/4"	8	25	Exposed 15/16" Tee
Wood Deck	1	L201	—	24" x 24"	Wet-Felted/G2	T, NR	3/4"	8	25	Exposed 9/16" Tee

Panel and tile types:

- Class A, B or C roof coverings may be applied directly to the concrete or wood surface of floor/ceiling designs being used as roof/ceiling designs without a reduction of the fire resistance rating.
- Wet-Felted/G2: Wet-Felted Protectone® – Cashmere®, Directional Fissured, Baroque™, Fine Fissured, Vantage 10™, Baroque™ Customline®, School Board®, Fine Fissured Customline.
- Edge Detail Types: T = Trim (Square) Edge; R = Reveal Edge; G = Reveal Edge, Grooved Face (Customline); NR = Narrow Reveal (9/16"). Note: Both Reveal Edge (R) and Narrow Reveal Edge (NR) Wet-Felted/Nodular D panels may be fabricated with the Radius or Tier-Step edge detail. Metric-Sized panels also available.

The information contained in this table is intended only to be used as a guide. For detailed time-rated assembly information, refer to the latest Underwriters Laboratories Inc. Fire Resistance Directory (www.ul.com).

Technical Information

FIRE RESISTANCE TIME-RATED DESIGNS

Protectone® Acoustical Products

(Fire ratings specified in this section pertain to UL Classifications which are based on standard test method ANSI/UL 263, ASTM E 119, UBC 7-1, NFPA 251, CAN/ULC – S101M)

ROOF/CEILING ASSEMBLIES¹

Type of Construction	Maximum Time Rating (Hrs)	UL Design Number	Concrete Thickness	Panel or Tile Size	Panel or Tile Type ²	Edge Detail Allowed ³	Panel or Tile Thickness	Minimum Fixture Area or No. (ft ² /100 ft ²)	Maximum Duct Area or No. (in ² /100 ft ²)	Maximum Grid System
BUR, modified or single-ply over over steel deck, steel joists	1	P204	—	24" x 24", 36" or 48"	Wet-Felted/G2	T, R	5/8", 3/4"	16	57	Exposed 15/16" Tee
BUR, modified or single-ply over steel deck, steel joists	1	P204	—	24" x 24"	Wet-Felted/G2	T, NR	3/4"	16	57	Exposed 9/16" Tee
BUR, modified, single-ply or metal over steel deck, steel joists	1	P259	—	24" x 24", 36", 48" or 60" and 20" x 60"	Wet-Felted/G2	T, R	5/8", 3/4"	24	576	Exposed 15/16" Tee
BUR, modified, single-ply or metal over steel deck, steel joists	1-1/2	P259	—	24" x 24"	Wet-Felted/G2	T, R	5/8", 3/4"	24	576	Exposed 15/16" Tee
BUR, modified, single-ply or metal over steel deck, steel joists	1-1/2	P259	—	24" x 24"	Wet-Felted/G2	T, NR	3/4"	24	576	Exposed 9/16" Tee
BUR, modified or single-ply over gypsum concrete, steel joists	1	P260	1 1/2	24" x 48"	Wet-Felted/G2	T	5/8", 3/4"	16	288	Exposed 15/16" Tee
BUR, modified or single-ply over gypsum concrete, steel joists	1	P260	1 1/2	24" x 24"	Wet-Felted/G2	T	5/8", 3/4"	16	288	Exposed 9/16" Tee
BUR, modified or single-ply over lightweight concrete, steel deck, steel joists	1	P261	See Note	24" x 24", 36", 48" or 60" and 20" x 60"	Wet-Felted/G2	T, R	5/8", 3/4"	25	113	Exposed 15/16" Tee
BUR, modified or single-ply over lightweight concrete, steel deck, steel joists	1	P261	See Note	24" x 24"	Wet-Felted/G2	T, NR	3/4"	25	113	Exposed 9/16" Tee
BUR, modified or single-ply over structural cement/fiber units, steel joists	1	P262	See Note	24" x 24", 36", 48"	Wet-Felted/G2	—	5/8", 3/4"	25	576	Exposed 15/16" Tee
structural cement/fiber units, steel joists	1	P262	See Note	24" x 24"	Wet-Felted/G2	T, NR	3/4"	25	576	Exposed 9/16" Tee
BUR, modified or single-ply over insulating concrete, steel deck, steel joists	1	P264	See Note	24" x 48"	Wet-Felted/G2	T	5/8", 3/4"	—	255	Exposed 15/16" Tee

Panel and tile types:

- Class A, B or C roof coverings may be applied directly to the concrete or wood surface of floor/ceiling designs being used as roof/ceiling designs without a reduction of the fire resistance rating.
- Wet-Felted/G2: Wet-Felted Protectone® – Cashmere®, Directional Fissured, Baroque™, Fine Fissured, Vantage 10™, Baroque™ Customline®, School Board®, Fine Fissured Customline.
- Edge Detail Types: T = Trim (Square) Edge; R = Reveal Edge; G = Reveal Edge, Grooved Face (Customline); NR = Narrow Reveal (9/16"). Note: Both Reveal Edge (R) and Narrow Reveal Edge (NR) Wet-Felted/Nodular D panels may be fabricated with the Radius or Tier-Step edge detail. Metric-Sized panels also available.

Note: Refer to UL Fire Resistance Directory for details.

The information contained in this table is intended only to be used as a guide. For detailed time-rated assembly information, refer to the latest Underwriters Laboratories Inc. Fire Resistance Directory (www.ul.com).

Technical Information

WARRANTIES

CertainTeed Acoustical Ceilings and Suspension Systems: 15 Year Limited Warranty

Products Covered

This limited warranty covers the following products, including Protectone® versions:

FOR 90% RELATIVE HUMIDITY: Adagio®; Adagio® High CAC; Baroque™ Customline® (BQCL/BQCLN-224, -448, -812); Avalon Dimensions™; Cashmere® (CM, CMTS, CMF, CMO); Cashmere® High NRC (CM NRCP); Envirogard™; Fine Fissured (HHF); Fine Fissured Customline (FFCL/FFCLN-224, -448, -812); Fine Fissured High NRC (HHF HNRC); Gyptone® (BASE 31™, LINE 4™, POINT 11™, QUATTRO 20™); Sand Micro™ (SHM); Sand Micro™ Customline® (SMCL); School Board® (SB); Serene™ (BET-357); Sky™; Symphony® *g*; Symphony® *m*; TufCore®; Vantage 10™ (VAN); Vinylrock™ and VinylShield™;

FOR 95% RELATIVE HUMIDITY: Aquarock™; Open Plan; Prima™; Symphony® *f*; Theatre Black *f*; and Versatone™;

WHEN INSTALLED WITH THE FOLLOWING CERTAINTEED SUSPENSION SYSTEMS: Classic Hook; Classic Stab; Elite Narrow Stab; Classic Aluminum Capped Stab; Classic Aluminum Capped Hook; Classic Environmental Stab; Smoothline Bolt Slot; and Cloud Perimeter Trim.

15 Year Limited Warranty

CertainTeed Ceilings Corporation warrants for 15 years from the date of installation that certain Mineral Fiber, Fiberglass, Gypsum and Composite Acoustical Ceiling Panels described above when installed together with certain CertainTeed Ceiling Suspension Systems will not visibly sag, warp, shrink, buckle or delaminate as a direct result of manufacturing defects and that the suspension system shall not incur 50% red rust as defined by ASTM B 117 test procedures during the 15 years of this limited warranty. CertainTeed ceiling panels listed above "FOR 90% RELATIVE HUMIDITY" coated with Bioshield™ on the surface are also warranted to be free of mold and mildew growth for the warranty period. CertainTeed fiberglass ceiling panels listed above "FOR 95% RELATIVE HUMIDITY" are also warranted to be free of mold and mildew growth for the warranty period due to the inherent characteristics of the products.

This limited warranty is subject to further terms and conditions outlined below:

Terms and Conditions

1. The ceiling panels and suspension systems must be installed in accordance with all applicable CertainTeed recommendations in effect at the time of installation, using approved installation procedures described in the Ceilings Systems Handbook published by the Ceilings & Interior Systems Construction Association.

2. The ceiling panels and suspension systems must be installed only in areas where the temperature and humidity conditions do not exceed 104 degrees Fahrenheit (40 degrees C) and 90% or 95% relative humidity as noted in the product list above following

installation with the environmental conditions being controlled within those limits. Any deviation from those limits in the building or portions of the building where the ceiling panels are installed shall void the warranty.

3. These systems cannot be used in exterior applications where standing water is present or where moisture will come in direct contact with the ceiling.

4. No water or water vapor from sources including, but not limited to, condensation, leaking pipes and/or ducts or steam must come in contact with the ceiling panels or suspension system.

5. Except for fiberglass insulation installed in accordance with CertainTeed recommendations, the ceiling panels must not be used to support any other material, including, but not limited to, light fixtures or mechanical equipment.

6. Prior to installation, the ceiling panels and suspension systems must be stored in a dry and clean area, protected from possible damage caused by rain, snow, and excessive moisture (including relative humidity above 90%). The ceiling panels and suspension systems must also be protected against possible impacts and abrasions while on the construction site.

7. The plenum space above the ceiling panels must not be used as a duct to supply conditioned air to the building. Also, the plenum shall not be vented to the outside air in such a way as to allow humidity above warranty conditions to exist within the plenum.

8. No applied finishes, including, but not limited to, paint, varnish or other coating, shall be applied to the manufacturer's original finish.

In the event of ceiling system material replacement pursuant to the above terms, the original warranty shall apply to the replacement material and will extend for the balance of the warranty period in effect at the same time the material proved defective. Ceiling system material shall not be considered defective with respect to color, so long as the color at the time of installation does not vary unreasonably from the material sample.

ANY DEVIATION FROM THE TERMS AND CONDITIONS ABOVE VOIDS THE WARRANTY.

Exclusions

Damage caused by improper maintenance; fire; exposure to smoke, fumes, chemical vapors, exterior elements (excluding Aquarock™), freezing temperatures (excluding Aquarock™) and vibrations; and normal wear and tear are not covered by this warranty.

This warranty excludes consequential damages.

What the Customer Must Do

Should CertainTeed's ceiling panels visibly sag, warp, shrink, buckle, or delaminate or the CertainTeed suspension system incur 50% red rust during the warranty period, written notice must be given within 30 days after first observing any of these conditions to

the following address: CertainTeed Ceilings Corporation, Technical Services Department, P.O. Box 860, Valley Forge, PA 19482 USA. If upon investigation, CertainTeed finds that the visible sagging, warping, shrinking, buckling or delamination or 50% red rust is caused by manufacturing defects and is covered under this warranty, customer's sole remedy and CertainTeed's sole liability shall be limited to CertainTeed furnishing replacement ceiling panels or suspension system of the same or similar type and grade in an equal number to that which is determined to be defective. CertainTeed does not warrant that the replacement ceiling panels will match the exact color of remaining in-place panels. CertainTeed shall not be responsible for any installation or replacement costs.

Limitations

THE FURNISHING OF REPLACEMENT PANELS AND/OR SUSPENSION SYSTEMS SHALL CONSTITUTE THE TOTAL LIABILITY OF CERTAINTEED AND THE EXCLUSIVE REMEDY OF CUSTOMER. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LIABILITY IS LIMITED TO THE ABOVE AND CERTAINTEED SHALL IN NO EVENT BE LIABLE FOR LABOR CHARGES, INCLUDING BUT NOT LIMITED TO LABOR CHARGES IN CONNECTION WITH REMOVAL OR REPLACEMENT OF CEILING PANELS AND SUSPENSION SYSTEMS. CERTAINTEED SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING DAMAGE TO THE PROPERTY, THE BUILDING OR ITS CONTENTS, OR FOR INJURY TO ANY PERSONS AS A RESULT OF THE USE OF CERTAINTEED CEILING PANELS AND SUSPENSION SYSTEMS OR AS A RESULT OF THE BREACH OF THIS WARRANTY.

CertainTeed reserves the right to discontinue or modify any of its products, including the color thereof, without notice and shall not be liable as a result of such discontinuance or modification, nor shall CertainTeed be liable in the event replacement material varies in color in comparison to the original product. If CertainTeed replaces any material under this warranty, it may substitute products designated by CertainTeed to be of comparable quality or price range in the event the product initially installed has been discontinued or modified.

This limited warranty gives you specific legal rights and you may also have other rights, which vary from jurisdiction to jurisdiction.

No representative of CertainTeed or third party has the authority to make any representation or promise with respect to this limited warranty except as stated herein. CertainTeed reserves the right to discontinue or modify any of its products, including color thereof, without notice, and shall not be liable as a result of such discontinuance or modification.

Technical Information

WARRANTIES

CertainTeed Acoustical Ceilings: 10 Year 104/90 Limited Warranty



Products Covered

This limited warranty covers the following products including Protectone® and Time-Rated versions: Adagio®; Adagio® High CAC; Avalon Dimensions™; Baroque™ Customline® (BQCL/BQCLN-224, -448, -812); Cashmere® (CM, CMTS, CMF, CMO); Cashmere High NRC (CM-NRCP); Envirogard™; Fine Fissured (HHF); Fine Fissured Customline® (FFCL); Fine Fissured High NRC (HHF HNRC); Gyptone® (BASE 31™, LINE 4™, POINT 11™, QUATTRO 20™); Sand Micro™ (SHM); Sand Micro™ Customline® (SMCL); School Board® (SB); Serene™ (BET-3_7); Sky™; Symphony® g; Symphony® m; Tufcore™; Vantage 10™ (VAN); Vinylrock™; VinylShield™ A, C.

10 Year Limited Warranty

CertainTeed Ceilings Corporation warrants Mineral Fiber, Gypsum and Composite Acoustical Ceiling Panels described above against visible sag, warping, shrinking, buckling, and delamination as a direct result of manufacturing defects for ten (10) years from the date of installation of the ceiling panels. CertainTeed Ceilings panels with BioShield on the painted surface are also warranted to be free of mold and mildew growth for the warranty period. This limited warranty is subject to the terms and conditions below:

Terms and Conditions

1. The ceiling panels must be installed in accordance with all applicable CertainTeed recommendations as found at the time of installation, using approved installation procedures described in the Ceiling Systems Handbook published by the Ceilings & Interior Systems Construction Association.
2. The ceiling panels must be installed only in areas where the temperature and humidity conditions do not exceed 104 degrees Fahrenheit (40 degrees C) and 90% relative humidity following installation with the environmental conditions being controlled within those limits. Any deviation from those limits in the building or portions of the building where the ceiling panels are installed shall void the warranty.
3. No water or water vapor from sources including, but not limited to, condensation, leaking pipes and/or ducts or steam must come in contact with the ceiling panels or suspension system.
4. Except for fiberglass insulation installed in accordance with CertainTeed recommendations, the ceiling panels must not be used to support any other material, including, but not limited to, light fixtures or mechanical equipment.
5. Prior to installation, the ceiling panels must be stored in a dry and clean area, protected from possible damage caused by rain, snow, and excessive moisture (including relative humidity above 90%). The ceiling panels must also be protected against possible impacts and abrasions while on the construction site.

6. The plenum space above the ceiling panels must not be used as a duct to supply conditioned air to the building. Also, the plenum shall not be vented to the outside air in such a way as to allow humidity above warranty conditions to exist within the plenum.

7. No applied finishes, including, but not limited to, paint, varnish or other coating, shall be applied to the manufacturer's original finish.

In the event of ceiling panel material replacement pursuant to the above terms, the original warranty shall apply to the replacement material and will extend for the balance of the warranty period in effect at the same time the material proved defective. Ceiling panel material shall not be considered defective with respect to color, so long as the color at the time of installation does not vary unreasonably from the material sample.

ANY DEVIATION FROM THE TERMS AND CONDITIONS ABOVE VOIDS THE WARRANTY.

Exclusions

Damage caused by improper maintenance; abuse; fire; exposure to smoke, fumes, chemical vapors, exterior elements, freezing temperatures, and vibrations; and normal wear and tear are not covered by this warranty.

This warranty excludes consequential damages.

What the Customer Must Do

Should CertainTeed's ceiling panels visibly sag, warp, shrink, buckle or delaminate during the warranty period, written notice must be given within 30 days after first observing any of these conditions to the following address: CertainTeed Ceilings Corporation, Technical Services Department, P.O. Box 860, Valley Forge, PA 19482 USA. If upon investigation, CertainTeed finds that the visible sagging, warping, shrinking, buckling or delamination is caused by manufacturing defects and is covered under this warranty, customer's sole remedy and CertainTeed's sole liability shall be limited to CertainTeed furnishing new ceiling panels of the same or similar type and grade in an equal number to that which is determined to be defective. CertainTeed does not warrant that the replacement ceiling panels will match the exact color of remaining in-place panels. CertainTeed shall not be responsible for any installation or replacement costs.

Limitations

THE FURNISHING OF REPLACEMENT PANELS SHALL CONSTITUTE THE TOTAL LIABILITY OF CERTAINTEED AND THE EXCLUSIVE REMEDY OF CUSTOMER. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LIABILITY IS LIMITED TO THE ABOVE AND CERTAINTEED SHALL IN NO EVENT BE LIABLE FOR LABOR CHARGES, INCLUDING BUT NOT LIMITED TO LABOR CHARGES IN CONNECTION WITH REMOVAL OR REPLACEMENT OF CEILING PANELS. CERTAINTEED SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING DAMAGE TO THE PROPERTY, THE BUILDING OR ITS CONTENTS, OR FOR INJURY TO ANY PERSONS AS A RESULT OF THE USE OF CERTAINTEED ACOUSTICAL CEILING PANELS OR AS A RESULT OF THE BREACH OF THIS WARRANTY.

CertainTeed reserves the right to discontinue or modify any of its products, including the color thereof, without notice and shall not be liable as a result of such discontinuance or modification, nor shall CertainTeed be liable in the event replacement material varies in color in comparison to the original product. If CertainTeed replaces any material under this warranty, it may substitute products designated by CertainTeed to be of comparable quality or price range in the event the product initially installed has been discontinued or modified.

This limited warranty gives you specific legal rights and you may also have other rights, which vary from jurisdiction to jurisdiction.

No representative of CertainTeed or third party has the authority to make any representation or promise with respect to this limited warranty except as stated herein. CertainTeed reserves the right to discontinue or modify any of its products, including color thereof, without notice, and shall not be liable as a result of such discontinuance or modification.

Technical Information

WARRANTIES

CertainTeed Acoustical Ceilings and Suspension systems: 10 Year 104/95 Limited Warranty



Products Covered

This limited warranty covers the following fiberglass and gypsum products: Aquarock™; Open Plan™; Prima™; Symphony® f, Theatre Black f, and Versatone™.

10 Year warranty

CertainTeed Ceilings Corporation warrants certain Gypsum and Fiberglass Ceiling Panels described above against visible sag, warping, shrinking, buckling and delamination as a direct result of manufacturing defects for ten (10) years from the date of installation of the ceiling panels. CertainTeed Ceilings fiberglass panels are also warranted to be free from mold and mildew growth for the warranty period due to the inherent characteristics of the products. This limited warranty is subject to the terms and conditions outlined below:

Terms and conditions

1. The ceiling panels must be installed in accordance with all applicable CertainTeed recommendations in effect at the time of installation, using approved installation procedures described in the Ceiling Systems Handbook published by the Ceilings & Interior Systems Construction Association.
2. The ceiling panels must be installed only in areas where the temperature and humidity conditions do not exceed 104 degrees Fahrenheit (40 degrees C) and 95% relative humidity following installation with the environmental conditions being controlled within those limits. Any deviation from those limits in the building or portions of the building where the ceiling panels are installed shall void the warranty.
3. No water or water vapor from sources including, but not limited to, condensation, leaking pipes and/or ducts or steam must come in contact with the ceiling panels or suspension system.
4. Except for fiberglass insulation installed in accordance with CertainTeed recommendations, the ceiling panels must not be used to support any other material, including, but not limited to, light fixtures or mechanical equipment.
5. Prior to installation, the ceiling panels must be stored in a dry and clean area, protected from possible damage caused by rain, snow, and excessive moisture (including relative humidity above 90%). The ceiling panels must also be protected against possible impacts and abrasions while on the construction site.
6. The plenum space above the ceiling panels must not be used as a duct to supply conditioned air to the building. Also, the plenum shall not be vented to the outside air in such a way as to allow humidity above warranty conditions to exist within the plenum.
7. No applied finishes, including, but not limited to,

paint, varnish or other coating, shall be applied to the manufacturer's original finish.

In the event of ceiling panel material replacement pursuant to the above terms, the original warranty shall apply to the replacement material and will extend for the balance of the warranty period in effect at the same time the material proved defective. Ceiling panel material shall not be considered defective with respect to color, so long as the color at the time of installation does not vary unreasonably from the material sample.

ANY DEVIATION FROM THE TERMS AND CONDITIONS ABOVE VOIDS THE WARRANTY.

Exclusions

Damage caused by improper maintenance; abuse; fire; exposure to smoke, fumes, chemical vapors, exterior elements, freezing temperatures, and vibrations; and normal wear and tear are not covered by this warranty.

This warranty excludes consequential damages.

What the Customer Must Do

Should CertainTeed's ceiling panels visibly sag, warp, shrink, buckle or delaminate during the warranty period, written notice must be given within 30 days after first observing any of these conditions to the following address: CertainTeed Ceilings Corporation, Technical Services Department, P.O. Box 860, Valley Forge, PA 19482 USA. If upon investigation, CertainTeed finds that the visible sagging, warping, shrinking, buckling or delamination is caused by manufacturing defects and is covered under this warranty, customer's sole remedy and CertainTeed's sole liability shall be limited to CertainTeed furnishing replacement ceiling panels of the same or similar type and grade in an equal number to that which is determined to be defective. CertainTeed does not warrant that the replacement ceiling panels will match the exact color of remaining in-place panels. CertainTeed shall not be responsible for any installation or replacement costs.

Limitations

THE FURNISHING OF REPLACEMENT CEILING PANELS SHALL CONSTITUTE THE TOTAL LIABILITY OF CERTAINTEED AND THE EXCLUSIVE REMEDY OF CUSTOMER. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LIABILITY IS LIMITED TO THE ABOVE AND CERTAINTEED SHALL IN NO EVENT BE LIABLE FOR LABOR CHARGES, INCLUDING BUT NOT LIMITED TO LABOR CHARGES IN CONNECTION WITH REMOVAL OR REPLACEMENT OF CEILING PANELS. CERTAINTEED SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING DAMAGE TO THE PROPERTY, THE BUILDING OR ITS CONTENTS, OR FOR INJURY TO ANY

PERSONS AS A RESULT OF THE USE OF CERTAINTEED ACOUSTICAL CEILING PANELS OR AS A RESULT OF THE BREACH OF THIS WARRANTY.

CertainTeed reserves the right to discontinue or modify any of its products, including the color thereof, without notice and shall not be liable as a result of such discontinuance or modification, nor shall CertainTeed be liable in the event replacement material varies in color in comparison to the original product. If CertainTeed replaces any material under this warranty, it may substitute products designated by CertainTeed to be of comparable quality or price range in the event the product initially installed has been discontinued or modified.

This limited warranty gives you specific legal rights and you may also have other rights, which vary from jurisdiction to jurisdiction.

No representative of CertainTeed or third party has the authority to make any representation or promise with respect to this limited warranty except as stated herein. CertainTeed reserves the right to discontinue or modify any of its products, including color thereof, without notice, and shall not be liable as a result of such discontinuance or modification.

Technical Information

WARRANTIES

CertainTeed Ecophon® Acoustical Ceilings: 10 Year Limited Warranty



CertainTeed Ceilings Corporation, subject to the conditions and limitations set forth below, warrants its Ecophon® resin bonded fiberglass ceiling system to be free from manufacturing defects

for a period of 10 years following installation.

Terms and Conditions

Should any manufacturing defect occur during said 10-year period, CertainTeed will provide replacement ceiling system material to the original purchaser of the material or a subsequent owner of the building if the portion of the system is determined to be defective; but not including labor costs and tear-out costs incurred in removal of defective material or installing the replacement material. In lieu of providing replacement material CertainTeed reserves the right to, at its sole discretion, refund that amount paid for the defective material (excluding costs to install).

In the event of ceiling system material replacement pursuant to the above terms, the original warranty shall apply to the replacement material and will extend for the balance of the warranty period in effect at the same time the material proved defective. Ceiling system material shall not be considered defective with respect to color, so long as the color at the time of installation does not vary unreasonably from the material sample.

Limitations

CertainTeed shall not be liable for, and this warranty does not apply to, any failure, defect or damage resulting from or connected with: misuse, abuse, neglect or improper handling or storage, improper installation or maintenance, or installation not in strict adherence to written instructions; fire, earthquake, lightning, hurricane, tornado or other violent storm or casualty, or other acts of God; defects in, failure of or damage caused by materials used as a ceiling base upon which ceiling system is installed or by movement, distortion, cracking or settling of walls or foundation of the building; exposure to harmful chemicals; or any other cause such as normal wear and tear, not involving inherent manufacturing defects in the material

supplied by CertainTeed. This warranty does not apply to material which has been painted, varnished or similarly coated over the manufacturer's original finish.

CertainTeed reserves the right to discontinue or modify any of its products, including the color thereof, without notice and shall not be liable as a result of such discontinuance or modification, nor shall CertainTeed be liable in the event replacement material varies in color in comparison to the original product. If CertainTeed replaces any material under this warranty, it may substitute products designated by CertainTeed to be of comparable quality or price range in the event the product initially installed has been discontinued or modified.

Other Conditions

This warranty is expressly in lieu of all other oral or written warranties, liabilities or obligations of CertainTeed. In no event shall CertainTeed be liable for consequential or incidental damages of any kind, including any damage to the building, its contents or any person therein, resulting from the breach of any warranty set forth herein. No field representative or distributor or dealer of CertainTeed is authorized to make any change or modification to this warranty.

What the Customer Must Do

To obtain performance under this warranty, the purchaser shall notify CertainTeed in writing of any manufacturing defect within thirty days following its discovery and shall submit with such notification proof of date of purchase and ceiling panel system installation, in order to provide CertainTeed an opportunity to investigate the claim and examine the material claimed to be defective. All notifications shall be provided to: CertainTeed Ceilings Corporation, Technical Services Department, P.O. Box 860, Valley Forge, PA 19482 USA. CertainTeed shall then promptly inspect the claimed defect prior to the furnishing of any replacement material. Upon approval, and within a reasonable period of time, CertainTeed will provide the replacement material (or in lieu of providing replacement material shall refund the amount paid for the defective material) in accordance with the terms set forth above.

Extended Warranty For Use Of Complete System

Pursuant to the terms, conditions and limitations noted above, CertainTeed agrees to extend the length of the warranty period an additional 5 years (to a total of 15 years) when CertainTeed Ecophon ceiling panels are installed with a CertainTeed-approved suspension system.

Technical Information

WARRANTIES

CertainTeed Acoustical Ceilings: 1 Year Limited Warranty

PRODUCTS COVERED

This limited warranty covers the following products: Baroque™ (BET, PBT); Cashmere® Customline® (CDS, CDSN); Directional Fissured (FH, PFH); Landmark™; and all Interior Pro™ Series.

1 Year Limited Warranty

CertainTeed Ceilings Corporation warrants its Acoustical Ceiling Panels against visible sag, warping, shrinking, buckling and delamination as a direct result of manufacturing defects for one (1) year from the date of installation of the ceiling panels subject to the terms and conditions set forth below:

Terms and Conditions

1. The ceiling panels must be installed in accordance with all applicable CertainTeed recommendations in effect at the time of installation, using approved installation procedures described in the Ceiling Systems Handbook published by the Ceilings & Interior Systems Construction Association.
2. The ceiling panels must be installed only in areas where the temperature and humidity conditions do not exceed 60-85 degrees Fahrenheit (16-29 degrees C) and 70% relative humidity following installation with the environmental conditions being controlled within those limits. Any deviation from those limits in the building or portions of the building shall void the warranty.
3. No water or water vapor from sources including, but not limited to, condensation, leaking pipes and/or ducts or steam must come in contact with the ceiling panels or suspension system.
4. Except for fiberglass insulation installed in accordance with CertainTeed recommendations, the ceiling panels must not be used to support any other material, including, but not limited to, light fixtures or mechanical equipment.
5. Prior to installation, the ceiling panels must be stored in a dry and clean area, protected from possible damage caused by rain, snow, and excessive moisture (including relative humidity above 90%). The ceiling panels must also be protected against possible impacts and abrasions while on the construction site.
6. The plenum space above the ceiling panels must not be used as a duct to supply conditioned air to the building. Also, the plenum shall not be vented to the outside air in such a way as to allow humidity above the limits set forth in this warranty to exist within the plenum.
7. No applied finishes, including, but not limited to, paint, varnish or other coating, shall be applied to the manufacturer's original finish.

In the event of ceiling panel material replacement pursuant to the above terms, the original warranty shall apply to the replacement material and will extend for the balance of the warranty period in effect at the same time the material proved defective. Ceiling panel material shall not be considered defective with respect to color, so long as the color at the time of installation does not vary unreasonably from the material sample.

ANY DEVIATION FROM THE TERMS AND CONDITIONS ABOVE VOIDS THE WARRANTY.

Exclusions

Damage caused by improper maintenance; abuse; fire; exposure to smoke, fumes, chemical vapors, exterior elements, freezing temperatures, and vibrations; and normal wear and tear are not covered by this warranty.

This warranty excludes consequential damages.

What the Customer Must Do

Should CertainTeed's ceiling panels visibly sag, warp, shrink, buckle or delaminate during the warranty period, written notice must be given within 30 days after first observing any of these conditions to the following address: CertainTeed Ceilings Corporation, Technical Services Department, P.O. Box 860, Valley Forge, PA 19482 USA. If upon investigation, CertainTeed finds that the visible sagging, warping, shrinking, buckling or delamination is caused by manufacturing defects and is covered under this warranty, customer's sole remedy and CertainTeed's sole liability shall be limited to CertainTeed furnishing replacement ceiling panels of the same or similar type and grade in an equal number to that which is determined to be defective. CertainTeed does not warrant that the replacement ceiling panels will match the exact color of the remaining in-place panels. CertainTeed shall not be responsible for any installation or replacement costs.

Limitations

THE FURNISHING OF REPLACEMENT PANELS SHALL CONSTITUTE THE TOTAL LIABILITY OF CERTAINTEED AND THE EXCLUSIVE REMEDY OF CUSTOMER. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LIABILITY IS LIMITED TO THE ABOVE AND CERTAINTEED SHALL IN NO EVENT BE LIABLE FOR LABOR CHARGES, INCLUDING BUT NOT LIMITED TO LABOR CHARGES IN CONNECTION WITH REMOVAL OR REPLACEMENT OF CEILING PANELS. CERTAINTEED SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING DAMAGE TO THE PROPERTY, THE BUILDING OR ITS CONTENTS, OR FOR INJURY TO ANY PERSONS AS A RESULT OF THE USE OF CERTAINTEED ACOUSTICAL CEILING PANELS OR AS A RESULT OF THE BREACH OF THIS WARRANTY.

CertainTeed reserves the right to discontinue or modify any of its products, including the color thereof, without notice and shall not be liable as a result of such discontinuance or modification, nor shall CertainTeed be liable in the event replacement material varies in color in comparison to the original product. If CertainTeed replaces any material under this warranty, it may substitute products designated by CertainTeed to be of comparable quality or price range in the event the product initially installed has been discontinued or modified.

This limited warranty gives you specific legal rights and you may also have other rights, which vary from jurisdiction to jurisdiction.

No representative of CertainTeed or third party has the authority to make any representation or promise with respect to this limited warranty except as stated herein. CertainTeed reserves the right to discontinue or modify any of its products, including color thereof, without notice, and shall not be liable as a result of such discontinuance or modification.

Explanation of Test Methods

The following are brief descriptions of the test methods used to determine data published herein. For complete details of American Society for Testing and Materials (ASTM) test methods write:

ASTM International,
100 Barr Harbor Drive, West Conshohocken,
PA 19428-2959
www.astm.org

ASTM E 1264 Classification for Acoustical Ceiling Products

This standard applies to ceiling products that provide acoustical performance and interior finish in buildings and assists in the selection of acoustical ceiling products. This standard classifies acoustical ceilings by type, pattern, and certain ratings for acoustical performance, light reflectance, and fire safety.

ASTM C 423 Reverberant Room – Sound Absorption

This test measures the ratio of sound energy absorbed by a surface to the energy striking the surface from all angles. This numerical measure of the ability to absorb sound is known as an absorption coefficient. Coefficients can take on any numerical value from 0 to 1.0. Coefficients are generally presented for six standardized test frequencies over the range of 125-4000 Hz. The single figure rating for a material is the average of four coefficients from 250-2000 Hz inclusive. This is the Noise Reduction Coefficient (NRC). The NRC is expressed to the nearest multiple of 0.05. It should be noted that a difference in NRC of less than 0.10 is seldom detectable in a completed installation.

ASTM E 1414 Ceiling Sound Attenuation

This test provides a measure of the ability of an acoustical ceiling material to attenuate (weaken) the intensity of sound energy passing from one room to another via the pathway formed by a plenum space shared by two adjacent rooms. Sound energy covering the frequency range of 125-4000 Hz is generated in one of the test rooms and the resulting difference in sound pressure levels between the two rooms at 16 standardized center frequencies is measured. The resulting values are known as normalized ceiling attenuation factors. These data are used to calculate the Ceiling Attenuation Class (CAC) in accordance with ASTM E 413. It should be noted that a difference in CAC of 3 or less is not detectable in a completed installation.

ASTM E 1111 Articulation Class

This test measures the acoustical ceiling material sound reflective characteristics when used in conjunction with partial-height space dividers calculated in accordance with ASTM E 1110 for each nominal interzone distance.

ASTM E 119 (ANSI/UL 263, UBC 7-1, NFPA 251, CAN/ULC-S101M) – Fire Resistance

This testing method measures the ability of a construction to prevent the spread of fire from one building compartment to another while retaining the structural strength properties of the assembly. Fire resistance classifications are given in terms of the length of test time elapsing before one or more limiting criteria are reached. It is important to remember that classifications are established for entire system designs and not for individual components within the design.

ASTM E 84 (UL 723, UBC 8-1, NFPA 255, CAN/ULC-S102M) – Surface Burning Characteristics

This test procedure is often referred to as the tunnel test method. The purpose of this test is to determine, under controlled laboratory conditions, the comparative surface burning characteristics of the material under test. The flame spread and smoke developed values which are determined by this test method are expressed as single number designations comparing the test sample performance with that of red oak which is 100 and inorganic reinforced cement board which is taken as 0.0. Observations of flame spread distance and time are recorded. The smoke density at the outlet end of the tunnel is recorded during the test period and is used to calculate the smoke developed values. Fire data provided are determined under controlled laboratory conditions using the ASTM E 84 standard and may not be predictive of the materials performance in actual use.

ASTM E 1477 Light Reflectance

This test method describes the evaluation of light reflectance of acoustical material where the application is primarily for designing the level of room illumination.

ASTM C 635 and ASTM C 636 Composition and Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels

These two ASTM specifications cover the structural properties of metal ceiling suspension systems and the proper installation techniques for these systems.

Industry Standards

CertainTeed recommends "Acoustical Ceilings Use and Practice" and "Ceiling Systems Handbook" as references for all specifiers, designers, builders, and others involved in construction where architectural ceilings are to be used.

These booklets, which are published by the Ceilings & Interior Systems Construction Association (CISCA), are helpful guides to the selection and installation of acoustical ceilings.

Size Tolerances

Ceiling panels are manufactured to size tolerances consistent with the fibrous nature of the product. When installing the tile, the tolerances can become cumulative. (Consult CertainTeed for further information.)

Colors

Product illustrations have been reproduced with all the color fidelity possible with commercial printing processes. For accuracy in color matching, actual product samples should be examined.

CertainTeed reserves the right to discontinue or change colors without notice and without incurring obligations.

For Color products, do not mix lot numbers within the same room or ceiling area.

Technical Information

SPECIAL NOTES

Ceiling Suspension Systems Standards and Requirements

Standards

Ceiling suspension components are roll formed to meet or exceed ASTM C 635, and to conform to direct hung structural classifications of Light (5.0-11.9 lbs.), Intermediate (12.0-15.9 lbs.) or Heavy Duty (16.0 or more lbs.) Metal thicknesses comply with the United States Standard Revised Manufacturers Gage Table, but metal thickness is subject to mill tolerances.

General Installation Requirements

Suspended ceiling systems are designed and tested for specifications and use in interior applications only. The manufacturer should be consulted for recommendations

regarding exterior applications. Installation should be done only when the temperature and humidity closely approximate the interior conditions that will exist when the building is occupied. The heating and cooling systems should be operating to maintain these conditions prior to, during and after installation. Special attention should be given to proper ventilation of the plenum, especially in high moisture areas.

Prior to the start of installation, all exterior windows and doors are to be in place, glazed and weather-stripped, the roof is to be watertight and all wet trades work is to be completed and thoroughly dry. Mechanical, electrical or

other utility service work above the ceiling plane are also to be completed. No materials should rest against or wrap around the ceiling suspension components or the wires that suspend or brace them.

All direct hung components are to be properly leveled, suspended and tightly tied with at least three full turns by not less than 12 gage (2.05mm) galvanized steel wire. Load test recommendations are not to be exceeded, nor should the components be deflected more than 1/360th of their span.

Testing and Product Performance Values

CertainTeed has its products tested at the CertainTeed Technical Development Center which has full scale testing capabilities for many of the ASTM tests outlined in this book and is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) for ASTM C 423 and E 1414. The Center is also qualified to participate in the UL Client Test Data Program.

Test data published for the various products, listed in this book, were obtained from the Center or from established commercial test laboratories. The Center facilities are calibrated to National Institute of Standards and Technology standard samples. And periodically, the Center test results are compared, on same samples, with other accredited laboratories.

NOTE

Characteristics, properties or performance of materials or systems manufactured by CertainTeed herein described are derived from data obtained under controlled test conditions. CertainTeed makes no warranties, express or implied, as to their characteristics, properties or performance under any variations from such conditions in actual construction. CertainTeed assumes no responsibility for effects of structural movement.

Any deviation from these instructions voids all warranties, including implied warranties of merchantability and fitness for a particular purpose.

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Design and Installation Recommendations (for non-Gyptone® products)

Temperature – Humidity

Particular emphasis must be given to the status of all interior wet work at job sites.

Acoustical ceiling products are designed to be interior finish materials suitable for installation within a normal occupancy temperature range of 60°F to 85°F (16-29°C) with relative humidity no higher than 70% (certain products can withstand higher temperature and humidity conditions of 104°F (40°C) and 90% or 95% relative humidity.) Prior to installation, all plastering, concrete, or other wet work must be completed and dry. All windows and doors must be properly installed. Furthermore, heating, ventilating, and air conditioning systems should be installed and in operation as necessary to assure proper temperature and humidity conditions before, during, and after installation of the acoustical material. If using the ceiling plenum as a return air duct, caution should be exercised such that any introduction of outside air does not cause the plenum to exceed the recommended humidity levels.

These ceiling materials should be stored at temperature and humidity conditions not exceeding maximums shown in previous section, and must not come in direct contact with water or moisture. Materials exposed to direct water or moisture must not be installed. Conditioning of material near actual design environment is the ideal situation.

Lighting

In considering job conditions and standards which affect the appearance of the completed ceiling installation, it is recommended that the lighting selected be the type that will enhance the ceiling rather than create an adverse or unsatisfactory appearance. Factors influencing ceiling

appearance are: intensity of light, height of ceiling, direction of light including outside light through windows, and mounting of fixtures.

The most critical of these is the direction of the light source in relation to the ceiling plane. Low angle light, whether from a fixture or from the building exterior, accentuates normal ceiling plane irregularities adversely affecting the final appearance of the installation.

Thermal Insulation Above Suspended Ceilings

The practice of installing insulation on the back of suspended ceilings (backloading) is generally not advised. The proper location for insulation materials is in the roof structure, because this places the dew point outside of the plenum thereby avoiding condensation damage to the grid, tile, light fixtures, etc. If other job considerations require insulation to be installed on the back of the ceiling, the following points must be carefully considered.

1. If the ceiling must be insulated, vapor retarder faced or non-faced roll insulation may be used. If the roll insulation is faced, install the vapor retarder facing down toward the back of the ceiling panel. Non-faced roll insulation is required for backloading fiberglass ceiling products. Batt insulation must be non-faced and used for 24" X 24" panels only.
2. Rolls are preferable to batts. Rolls span multiple cross tees with only occasional contact with back of acoustical material.
3. Insulation must weigh not more than 0.26 lb./sq. ft. (Approximately 6" (R19) of glass fiber insulation) for mineral, fiberglass (24" X 24" and 24" X 48" panels only)

and composite ceiling products. 5/8" Versatone fiberglass products may not be backloaded with insulation. Acoustical materials are not structural and excessive weight can cause ceiling to sag or even fall.

4. Insulation must weigh not more than 0.52 lb./sq. ft. (approximately 13" (R38) of glass fiber insulation) for gypsum ceiling products.
5. Insulation is to be applied perpendicular to the suspension cross tees so that the grid carries main load of insulation.
6. Insulation must not be placed on back of Protectone® fire resistance rated ceilings, unless specifically allowed by the specific time-rated design being considered.
7. A professional engineer must be consulted for design of plenum venting system to preclude condensation in the plenum.

CertainTeed will not be responsible for damage or failure of the acoustical material, grid, light fixture, structure, etc. due to condensation, or excessive loading on back of ceiling.

Installation of Speakers and Spotlights

CertainTeed's ceiling panels shall not be used to support the weight of speakers, grills, spotlights and the like, either wholly or in part. Components such as these must be supported independently of the ceiling panels themselves.

Technical Information

SPECIAL NOTES

Hold-Down Clips In Time-Rated Assemblies (Protectone® Panels)

For many years, Underwriters Laboratories Inc. required the use of hold-down clips in all rated lay-in panel assemblies. Based on evaluations of data regarding gas pressures developed in fires, UL revised their requirements as follows: "Hold-down clips are not

required for assemblies incorporating ceiling panels weighing not less than one pound per square foot."

All Protectone® lay-in panels are manufactured at densities providing a weight per square foot of 1 pound or more. As

such, hold-down clips are not required to comply with the UL Designs. Local authorities having jurisdiction should be consulted for requirements of local codes.

Technical Information for Gyptone® products

Temperature – Humidity

Gyptone® panels are suitable for use under normal occupancy conditions. Buildings in which Gyptone® tiles are used should be dry, glazed and enclosed with environmental conditions of no greater than 90% relative humidity and 104°F (40°C).

Limitations

Gyptone® panels are unsuitable for use in areas subject to continuously damp or humid conditions or subjected to temperatures consistently above 120°F (49°C).

Handling And Storage

These ceiling materials should be stored at temperatures and humidity conditions not exceeding maximums shown in previous sections, and should not come in direct contact with water or moisture. Materials exposed to direct moisture or water must not be installed. Conditioning of material near actual design environment is the ideal situation. Always wear clean gloves when handling Gyptone panels.

Fire Performance

The exposed surface of Gyptone® panels achieves a Class A rating as a result of the performance when tested in accordance with ASTM E 84.

Gyptone® ceilings provide good fire performance owing to the unique behavior of the non-combustible gypsum core when subjected to high temperatures.

Acoustic Performance

Sound Absorption

Gyptone® LINE 4™, POINT 11™, and QUATTRO 20™ provide sound absorption when used in conjunction with an air space behind the ceiling.

An increase in NRC will be realized by the addition of an insulation blanket (CertainTeed CertaPro™) across the back of a Gyptone ceiling.

Refer to the applicable product page for specific information.

Sound Attenuation

Gyptone® LINE 4™, POINT 11™, and QUATTRO 20™ are perforated panels with an integral acoustic tissue designed to provide sound absorption within the area they are installed. Where room to room sound insulation is required, the Ceiling Attenuation Class (CAC) can be increased to 35dB with the inclusion of an insulation blanket (CertainTeed CertaPro™) across the back of a Gyptone ceiling (see pages 62-67).

Site Work Installation

Gyptone® ceiling panels are installed in exposed tee grid systems.

Light Fixtures

Recessed light fixtures must be located in Gyptone® BASE 31™. Light fixtures, speakers, sprinkler heads and HVAC components must be supported independently of the ceiling panel.

Maintenance

Always wear clean gloves when handling Gyptone panels.

Apply a soft, dry cloth or vacuum with a soft bristle brush when cleaning Gyptone® panels.

Gyptone® panels can be re-painted, if required, using a roller and a suitable acrylic, vinyl latex or alkyd paint. The perforated panels should not be spray painted so as not to impair the sound absorption performance. However, please be advised that painting the surface of a Gyptone panel will void the warranty and terminate the product's Class A fire classification.

Technical Information

SPECIAL NOTES

Metric Conversion Chart

Most CertainTeed ceiling products are available in “hard conversion” metric sizes. To order material in any of the metric sizes listed below, add the suffix “M” after the standard CertainTeed symbol designation. For example, item #BET-197 in a “hard conversion” metric size would be specified #BET-197M

	Imperial Size Module	Metric Size Module*		Imperial Size Module	Metric Size Module*
3/4"	12 x 12 x 3/4"	300 x 300 x 19mm	5/8"	24 x 24 x 5/8"	600 x 600 x 15mm
	12 x 24 x 3/4"	300 x 600 x 19mm		24 x 48 x 5/8"	600 x 1200 x 15mm
	24 x 24 x 3/4"	600 x 600 x 19mm		24 x 60 x 5/8"	600 x 1500 x 15mm
	24 x 48 x 3/4"	600 x 1200 x 19mm		20 x 60 x 5/8"	500 x 1500 x 15mm
	24 x 60 x 3/4"	600 x 1500 x 19mm			
	20 x 60 x 3/4"	500 x 1500 x 19mm			

*Metric sized panels are smaller than comparable Imperial sized panels. 1" = 25.4mm



Basic Acoustics

Basic Acoustics

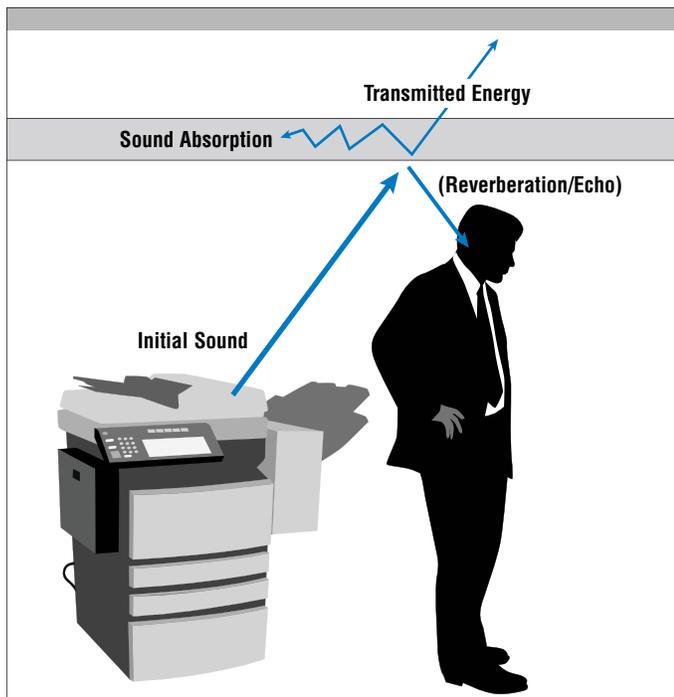
Approximately 100 years ago, Nobel Laureate Robert Koch observed, "One day, man will fight noise as [relentlessly] as cholera and the plague." At CertainTeed Ceilings, we have observed that this desire to control noise has become a vital part of today's design process.

Human beings need quiet. Countless studies have confirmed: we learn better in quiet, we work more productively in quiet and we heal faster in quiet. It is an issue of human comfort, and **quiet is comfort**.

Sound Absorption

When sound waves strike a surface, one of three things can occur:

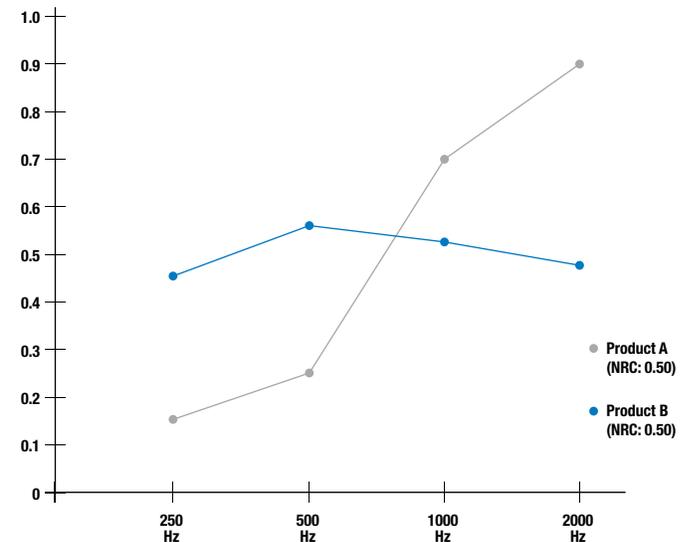
- A. The sound can travel through the surface (transmitted)
- B. The sound is reflected off the surface (as reverberation or echo)
- C. The sound is absorbed (most critical to quieting a space)



Typically a product's sound absorption capability is defined by three letters: NRC. This abbreviation stands for Noise Reduction Coefficient and is an arithmetic average (rounded off to the nearest 0.05) of the sound absorption capability of a product at only four (4) frequencies: 250, 500, 1000 and 2000 hertz. These frequencies are representative of the center range of human speech. In order to place this important concept in perspective, one might consider a number of interesting pieces of information:

1. Humans can hear sounds from a very low frequency of 20 hertz to an extremely high frequency of 20,000 hertz – far above and below the limited range described by NRC.
2. Because NRC is an average of four values, it is certainly possible that two products could have very different sound absorption performance characteristics yet the same NRC.

NRC is an Average



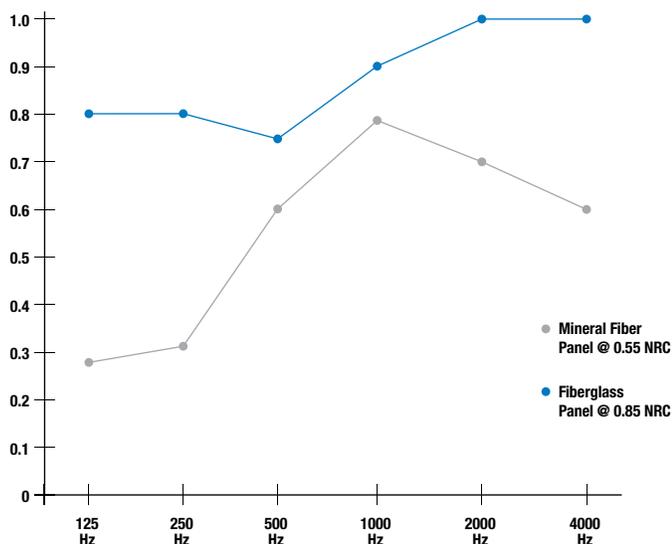
* Two products - same NRC but different absorption characteristics

Sound Absorption Classes

While NRC may be an overly simple tool for evaluating sound absorption, there are others that offer a much more complete picture. One such tool is ISO 11654 – The International Standard for Classification of Sound Absorbers (Sound Class). This demonstrates performance in two ways:

A. Graphic display of sound absorption performance (practical sound absorption coefficient)

Absorption Over Frequency

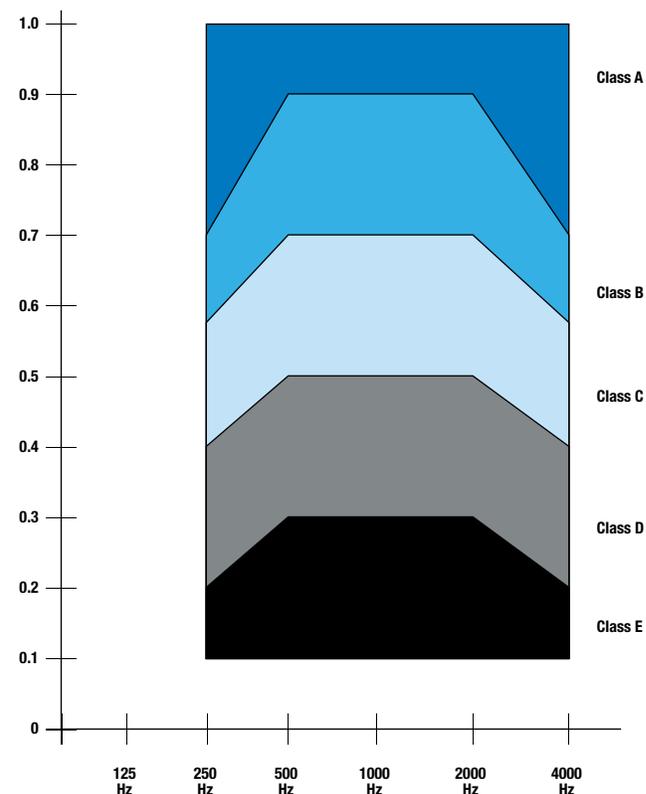


B. Allowing that data to classify the product as an A,B,C,D or E performer (with A being the highest performance)

This letter classification takes into consideration the complete performance profile over a wider range of frequencies than does NRC.

Classification of Sound Absorbers

ISO 11654: 1997

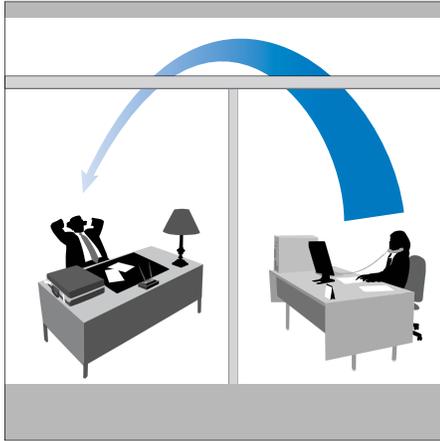


15 - 1/3 octave bands between 200 & 5000 Hz inclusive

Elevation in class is achieved by higher and more consistent performance (as is typically the case with fiberglass products). Conversely, a more skewed performance (as is typically the case with mineral fiber products) will result in a lower classification. It is reasonable to conclude that the Sound Class offers a more revealing insight than does NRC for evaluating the sound absorbing performance of a product.

Basic Acoustics

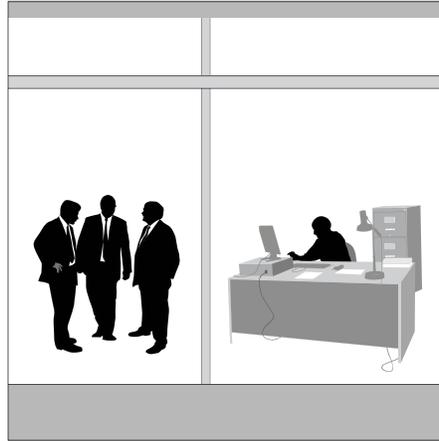
The best way to achieve privacy is the implementation of full-height partitions or with CertainTeed Adagio® (page 32).



Sound Attenuation

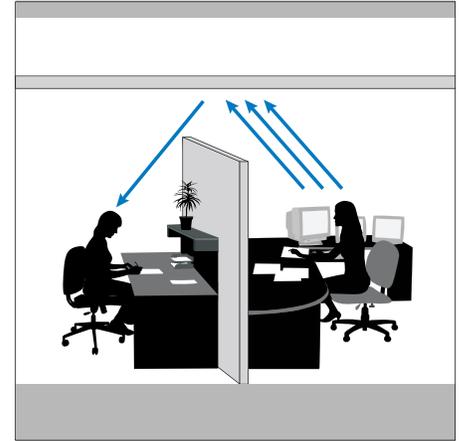
Another important acoustic concept is the capacity to contain noise so that it does not disturb those who occupy an adjacent space. One commonly used measurement for evaluating the capability of a product to perform this function in a ceiling design is CAC. This abbreviation stands for Ceiling Attenuation Class.

The CAC test is conducted under controlled conditions in an acoustic laboratory. While such testing enables product-to-product comparison, the laboratory-derived performance for any single product is not consistent with real-life design. In actual construction, the many ceiling penetrations (light fixtures, HVAC diffusers, sprinklers, etc.) significantly reduce the overall CAC of the ceiling design. While CAC is a good indicator of the capability of a product to increase privacy by containing sound, it is ultimately the space design and the quality of the installation that will determine CAC. A more effective way to ensure privacy may be through the use of walls that run from the floor to the structure above.



Privacy

Privacy has become of increasing importance with the renaissance of open-plan design. It is vital that individuals in these environments be given protection from nearby disturbing speech as well as privacy for their own conversations. Moreover, if the information being discussed in these work-stations is financial (GLBA – Gramm-Leach Bliley Act) or healthcare-related (HIPAA – Health Insurance Portability and Accountability Act), the privacy of those discussions then becomes a legal issue. The Articulation Class (AC) is derived from the sound reflective characteristics of a ceiling system when used in conjunction with partial-height space dividers. AC acts as a tool to determine how well a ceiling will prevent reflected speech from entering adjoining work-stations. The values increase with increasing privacy from 100 to 250. An AC value ≥ 190 is considered good performance.



Articulation Class (AC)

Absorption Class A Ceiling

There are two other measurements in occasional use: Articulation Index (AI) and Privacy Index (PI). The former, AI, is a measure of how well speech can be understood (speech intelligibility). Under that criterion, an Articulation Index of 100 indicates that all speech is understood and conversely an AI of zero means none is understood. An Articulation Index >80 is the target number for good intelligibility. The Privacy Index (PI) is calculated much the same way as is the Articulation Index, but whereas AI recognizes increased understanding of speech, PI recognizes reduced understanding (or lower speech intelligibility – which is the same as privacy). A Privacy Index of > 95 is representative of confidential speech (or speech that is barely understandable) and the similar Articulation Index would be < 05 . A Privacy Index ≥ 80 is indicative of non-intrusive speech privacy (or an AI 20).

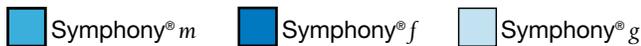
Fine Tuning

CertainTeed Ceilings has a unique solution to provide designers acoustical control in various dynamic environments while maintaining an attractive aesthetic ceiling: Fine Tuning.

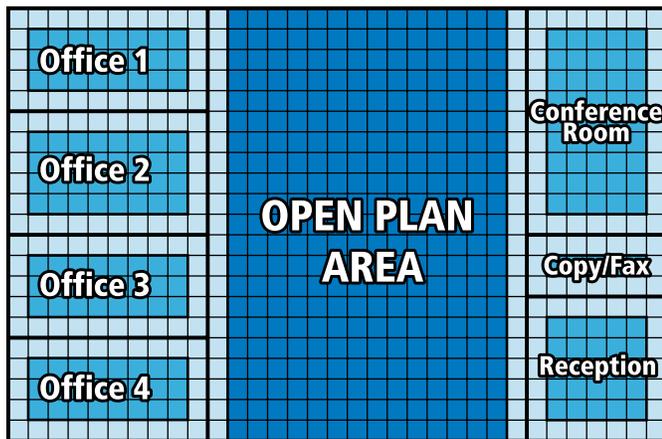
How does Fine Tuning work?

By using CertainTeed's Symphony® line of products that have the same look but different cores (fiberglass, gypsum, mineral fiber, and even composite products) – allowing the designer to mix these ceiling tiles to achieve a consistent project look while addressing a range of acoustical performance needs from room to room. The illustrations below demonstrate how Fine Tuning can be utilized:

Fine Tuning Examples

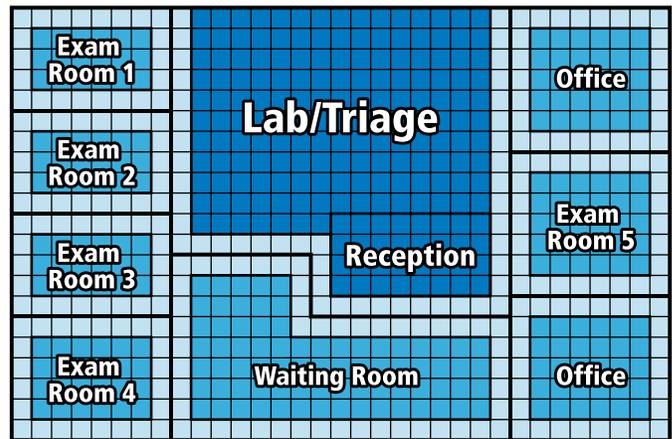


Fine Tuning - Office Space



Symphony® g contains sound in the room, away from the adjoining offices, and Symphony® m provides balanced absorption and attenuation. For the open plan areas, the high NRC / Class A Sound Absorption of Symphony® f will quiet the space and provide privacy.

Fine Tuning - Medical Office



Symphony® g at the walls attenuates sound, helping contain it from adjoining private patient spaces, while Symphony® m provides balanced absorption and attenuation. For a Lab or Triage space, the high NRC / Class A Sound Absorption of Symphony® f is recommended.

Through the Fine Tuning concept, each environment can be custom tuned to achieve the desired acoustics, and maintain a consistent look within the project's design and budget parameters. Fine Tuning is the perfect solution wherever different combinations of sound absorption and attenuation along with uniformity of design appearance are needed.





Sustainability

Sustainability

CERTAINTEED CEILINGS / LEED® 2009 SUMMARY TABLE

LEED 2009: New Construction, Core and Shell, and Schools

Product Name		LEED Total Recycled Content, % ¹	Minimum Total Recycled Content %	Minimum Post-Consumer RC, %	Minimum Pre-Consumer RC, %	Weight, lbs/SF
Designer Series	Adagio	32	37	27	10	1.60
	Adagio High CAC	39	62	16	46	1.60
	Aquarock	0	0	0	0	2.00
	Ecophon Focus	71	71	70	1	0.25-0.55
	Ecophon Hygiene	71	71	70	1	0.25
	Ecophon Master	71	71	70	1	0.45-0.65
	Ecophon Solo	71	71	70	1	0.45-0.65
	Ecophon Super G	71	71	70	1	0.50
	Envirogard	0	0	0	0	2.00
	Gyptone BASE 31	45	85	5	80	1.84
	Gyptone LINE 4	45	85	5	80	1.64
	Gyptone POINT 11	45	85	5	80	1.64
	Gyptone QUATTRO 20	45	85	5	80	1.64
	TufCore	3-4	3-4	3-4	0	2.20
Performance Series (Protectone "Fire-Rated")	Baroque	27-31	36-45	18	18-27	0.70
	Protectone Baroque	28	47	9	38	1.00
	Baroque Customline	27-31	36-45	18	18-27	0.91
	Protectone Baroque Customline	28	47	9	38	1.30
	Cashmere	39	74	4	70	0.95
	Protectone Cashmere	28	47	9	38	1.19
	Cashmere Customline	39	74	4	70	1.06
	Cashmere High NRC	39	74	4	70	0.95
	Cashmere Style Edge	39	74	4	70	0.83
	Directional Fissured	27-31	36-45	18	18-27	0.74
	Protectone Directional Fissured	28	47	9	38	1.00
	Fine Fissured	27-31	36-45	18	18-27	0.70
	Protectone Fine Fissured	28	47	9	38	1.05
	Fine Fissured Customline	27-31	36-45	18	18-27	0.91
	Protectone Fine Fissured Customline	28	47	9	38	1.30
	Fine Fissured High NRC	39	74	4	70	0.95
	Open Plan	37-44	37-44	37-44	0	0.34 ²
	Sand Micro	27-31	36-45	18	18-27	0.78
	Sand Micro Customline	27-31	36-45	18	18-27	0.91
	School Board	31	45	18	27	0.81
	Protectone School Board	28	47	9	38	1.07
	Symphony <i>f</i>	39-43	39-43	39-43	0	0.45 ²
	Symphony <i>g</i>	0	0	0	0	2.00
	Symphony <i>m</i>	38	72	4	68	0.96
	Theatre Black <i>f</i>	33-39	33-39	33-39	0	0.23-0.34
	Vantage 10	27-31	36-45	18	18-27	0.81
	Protectone Vantage 10	28	47	9	38	1.07
	Versatone	41-42	41-42	41-42	0	0.15-0.23
	Vinylrock	0	0	0	0	1.70
	VinylShield A, C	27-28	46	9	37-38	1.00
CertainTeed Suspension	Classic (stab & hook)	23	25	20	5	
	Cloud Molding	50	75	25	50	

¹ LEED formula for recycled content = post consumer content + 1/2 pre-consumer content

² Weight based on 1-inch product thickness for fiberglass products with multiple thicknesses

Sustainability

CERTAINTEED CEILINGS / LEED® 2009 SUMMARY TABLE

		LEED 2009: New Construction, Core and Shell, and Schools				Exclusive to LEED 2009 for Schools	
Product Name		NRC	CAC	Light Reflectance (LR)	Recycle Program	Low-emitting IEQ 4.6	Meets Minimum Acoustic Performance IEQ Prerequisite 3
Designer Series	Adagio	0.90	36-38	0.84-0.90			+
	Adagio High CAC	0.80	40-42	0.84-0.90			+
	Aquarock	—	40-42	0.78		+	
	Ecophon Focus	0.80-0.90	25	0.85	Pending	+	+
	Ecophon Hygiene	0.85-0.95	21	0.84	Pending	+	+
	Ecophon Master	0.30-0.95	30-31	0.85	Pending	+	+
	Ecophon Solo	0.30-0.95	30-31	0.85	Pending	+	+
	Ecophon Super G	0.90	30	0.78	Pending		+
	Envirogard	—	38-40	0.78		+	
	Gyptone BASE 31	—	35	0.82		+	
	Gyptone LINE 4	0.70 ³	35	0.70		+	+
	Gyptone POINT 11	0.80 ³	35	0.71		+	+
	Gyptone QUATTRO 20	0.75 ⁴	35	0.71		+	+
	TufCore	0.65	38-40	0.82-0.90			Needs wall panels
Performance Series (Fire-Rated [®])	Baroque	0.60	33-35	0.83	+	+	Needs wall panels
	Protectone Baroque	0.55	35-40	0.83	+	+	Needs wall panels
	Baroque Customline	0.50-0.60	38	0.83	+	+	Needs wall panels
	Protectone Baroque Customline	0.50	40	0.83	+	+	Needs wall panels
	Cashmere	0.60	35	0.83	+	+	Needs wall panels
	Protectone Cashmere	0.45	35	0.83	+	+	Needs wall panels
	Cashmere Customline	0.60	35	0.83	+	+	Needs wall panels
	Cashmere High NRC	0.70	30-32	0.82	+	+	Needs wall panels
	Cashmere Style Edge	0.60	31-35	0.83	+	+	Needs wall panels
	Directional Fissured	0.60	33-35	0.82	+	+	Needs wall panels
	Protectone Directional Fissured	0.55	35-40	0.82	+	+	Needs wall panels
	Fine Fissured	0.60	33-35	0.84	+	+	Needs wall panels
	Protectone Fine Fissured	0.55	35-40	0.84	+	+	Needs wall panels
	Fine Fissured Customline	0.50-0.60	38	0.84	+	+	Needs wall panels
	Protectone Fine Fissured Customline	0.50	40	0.84	+	+	Needs wall panels
	Fine Fissured High NRC	0.70	35	0.83	+	+	+
	Open Plan	0.95 - 1.05	25-30	0.84			+
	Sand Micro	0.50	33-35	0.88	+	+	Needs wall panels
	Sand Micro Customline	0.50	35	0.88	+	+	Needs wall panels
	School Board	0.55	35	0.84	+	+	Needs wall panels
	Protectone School Board	0.55	35-40	0.84	+	+	Needs wall panels
	Symphony <i>f</i>	0.80 - .95	22-25	0.90			+
	Symphony <i>g</i>	—	40-42	0.90		+	Needs wall panels
	Symphony <i>m</i>	0.70	33-35	0.90	Pending	+	+
	Theatre Black <i>f</i>	0.75-0.90	20-25	—			+
	Vantage 10	0.60	33-35	0.83	+	+	Needs wall panels
Protectone Vantage 10	0.55	35-40	0.83	+	+	Needs wall panels	
Versatone	0.70	—	0.73-0.79			+	
Vinylrock	—	38-40	0.78		+		
VinylShield A, C	—	39-42	0.78		+	Needs wall panels	
CertainTeed Suspension	Classic (stab & hook)	NA	NA	NA		NA	
	Cloud Molding	NA	NA	NA		NA	

³ Gyptone with 3-1/2" CertaPro fiberglass insulation overlay.

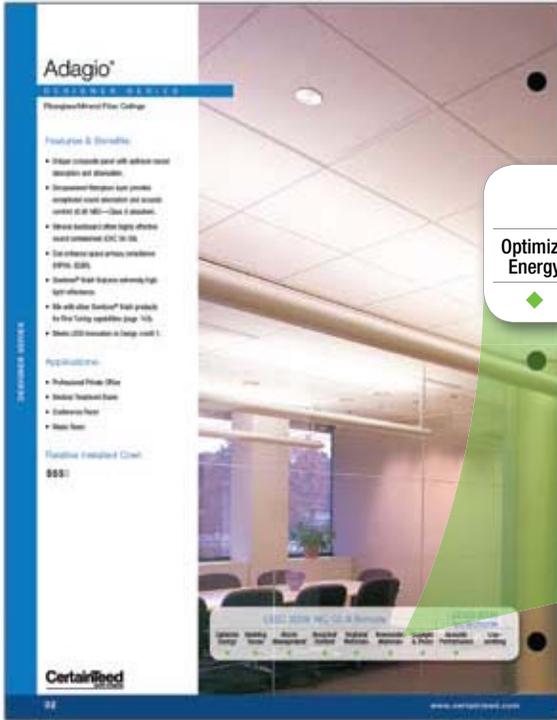
⁴ Gyptone with 6" CertaPro fiberglass insulation overlay.

Sustainability

EXPLANATION OF LEED® TABLE ON PRODUCT PAGES

CertainTeed Ceilings respects the environment through the responsible development of sustainable building products and systems.

buildingresponsibly™



LEED 2009: NC, CI, & Schools							LEED 2009 for Schools	
Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆	◆	◆	◆	◆	◆	◆	◆	

SUSTAINABILITY

Optimize Energy LEED 2009: NC, CI, and Schools

Requirement: To achieve increasing levels of energy performance beyond the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.

A recent study has shown that suspended ceiling spaces (with return air plenum design) use up to 18% less energy over open plenum design or spaces with ducted air returns. Return air plenum ceiling design requires less drag on fan horsepower for air return and also is more efficient at removing residual heat from light fixtures which reduces air conditioning load. In addition, many CertainTeed Ceilings products have finished surfaces with high light reflectance. This can reduce lighting demands (fewer fixtures) and subsequently the energy required to operate them. Reference sustainability chart on page 147 for a listing of products with light reflectance values.

LEED 2009 NC: EA Credit 1 (1-19 points)

LEED 2009 CI: EA Credit 1.1: Lighting Power (1-5 points)
EA Credit 1.3: HVAC (5-10 points)

LEED 2009 for SCHOOLS: EA Credit 1 (1-19 points)

Building Reuse LEED 2009: NC, CI, and Schools

Requirement: Using existing interior nonstructural elements (e.g. interior walls, doors, floor coverings and ceiling systems) in at least 50% (by area) of the completed building, including additions.

Some CertainTeed Ceilings products are unusually resilient in that they possess documented sustainable performance characteristics (e.g. Symphony, Adagio, Adagio High CAC, TufCore, Aquarock, Vinylrock, Envirogard, Vinylshield and Ecophon). While the decision to implement these products in a current specification will not yield immediate LEED points, their unusually long expected lifespan – true sustainability – will enable them to provide LEED points in subsequent renovations as they participate in “Building Reuse”.

LEED 2009 NC: MR Credit 1.2 (1 point)

LEED 2009 CI: MR Credit 1.2 (1-2 points)

LEED 2009 for SCHOOLS: MR Credit 1.2 (1 point)

Construction Waste Management LEED 2009: NC, CI, and Schools

Requirement: Recycle and/or salvage nonhazardous construction or demolition debris. The minimum percentage recycled debris is as follows: 50% (1 point), 75% (2 points)

CertainTeed Ceilings recycling program can contribute to diversion of construction waste from landfill. For details on our recycling program, see page 152.

LEED 2009 NC: MR Credit 2 (1-2 points)

LEED 2009 CI: MR Credit 2 (1-2 points)

LEED 2009 for SCHOOLS: MR Credit 2 (1-2 points)

Recycled Content

LEED 2009: NC, CI, and Schools

Requirement: Use materials with a recycled content whose sum of post-consumer content and ½ of pre-consumer content constitutes at least 10% (1 point) or 20% (2 points), based on cost, of the total value of materials on the project.

CertainTeed Ceilings panels are possessed of varying levels of post and pre-consumer recycled content. For listing of total recycled content and LEED recycled content (post-consumer + ½ pre-consumer) see sustainability chart on page 146.

LEED 2009 NC: MR Credit 4 (1-2 points)

LEED 2009 CI: MR Credit 4 (1-2 points)

LEED 2009 for SCHOOLS: MR Credit 4 (1-2 points)

Regional Materials

LEED 2009: NC, CI, and Schools

Requirement: Use products that have been extracted, harvested or recovered AND manufactured within 500 miles of the project site for a minimum of 10% (1 point) or 20% (2 points), based on cost, of the total material value (NC and Schools).

CertainTeed Ceilings manufactures ceiling products at three locations in the U.S. In addition, there are multiple extraction points for materials used to create those products. Contact our Technical Support for details on regional material credits for CertainTeed Ceiling panels.

LEED 2009 NC: MR Credit 5 (1-2 points)

LEED 2009 CI: MR Credit 5 (1-2 points)*

LEED 2009 for SCHOOLS: MR Credit 5 (1-2 points)

* Please see LEED 2009 Guidelines for specific credit requirements.

Rapidly Renewable Materials

LEED 2009: NC, CI, and Schools

Requirement: Use rapidly renewable products for 5% of the total value of all products used on the project, based on cost. Rapidly renewable building materials and products are made from plants typically harvested within a 10-year or shorter cycle.

CertainTeed Ceilings mineral fiber panels incorporate starch binders (7-9% of the product weight) produced from plants on an annual growth/harvest cycle. Contact our Technical Support for details on rapidly renewable credits for CertainTeed Ceiling panels.

LEED 2009 NC: MR Credit 6 (1 point)

LEED 2009 CI: MR Credit 6 (1 point)

LEED 2009 for SCHOOLS: MR Credit 6 (1 point)

Daylight & Views/Daylight

LEED 2009: NC, CI, and Schools

Requirement: To provide building occupants with a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building. Achieve daylighting in at least 75% of regularly occupied spaces.

Many CertainTeed Ceilings products have finished surfaces with high light reflectance. This can reduce lighting demands (fewer fixtures) and maximize the effect of daylight on the space. Please reference the sustainability chart on page 147 for a listing of products with light reflectance values.

LEED 2009 NC: IEQ Credit 8.1 (1 point)

LEED 2009 CI: MR Credit 8.1 (1-2 points)

LEED 2009 for SCHOOLS: MR Credit 8.1 (1-3 points)

Minimum Acoustical Performance

LEED 2009 for Schools only

Prerequisite: Design classrooms and other core learning spaces to include sufficient sound-absorptive finishes for compliance with reverberation time requirements as specified in ANSI Standard S12.60-2002 and confirm that 100% of ceiling area (excluding lay-in lights, diffusers, grills) in all classrooms and core learning spaces < 20,000 cubic feet are finished with a material that has a Noise Reduction Coefficient (NRC) of 0.70 or higher. The calculation can also be of equivalent performance via a combination of ceiling and wall panels.

CertainTeed Ceilings offers a substantial quantity of ceiling and wall panels whose performance is at or above the minimum threshold established by LEED. For details see our LEED 2009 for Schools Summary Table on page 147.

LEED 2009 for SCHOOLS: IEQ Prerequisite 3 (Required)

Low-emitting Ceiling Materials

LEED 2009 for Schools only

Requirement: Acoustical ceiling systems installed in the building interior MUST meet the testing and product requirements of the California Dept. of Health Services Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-scale Environmental Chambers (incl. 2004 Addenda).

Enhanced Acoustical Performance

LEED 2009 for Schools only

Requirement: Design the classroom and core learning spaces to meet the Sound Transmission Class (STC) requirements of ANSI Standard S12.60-2002, Acoustical Performance Criteria, Design Requirements and Guidelines for Schools.

CertainTeed Ceilings has a number of products and solutions that offer substantial sound attenuation which may assist in the effort to secure the performance necessary to address this application. Contact our Technical Support for details on high performance ceiling panels.

LEED 2009 for SCHOOLS: IEQ Credit 9 (1 point)

Sustainability

MEMBERSHIPS

USGBC

The U.S. Green Building Council (USGBC) is the nation's leading coalition of corporations, builders, universities, federal/local agencies and nonprofit organizations that work together to promote buildings that are environmentally responsible, profitable and healthy places in which to live and work. To advance its mission of market transformation, the USGBC brings together leaders from every sector of the building industry. Its Leadership in Energy and Environmental Design Green Building Rating System™, or LEED®, is the nationally accepted benchmark for the design, construction and operation of high performance green buildings.



LEED promotes a whole-building approach to sustainability by recognizing performance in five key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality.

You can earn LEED credit points for the specification of CertainTeed products. For details, visit www.certainteed.com.

CaGBC

The mission of CaGBC is to lead the transformation of the built environment to create buildings and communities that are environmentally responsible, profitable, and healthy places to live, work and play, through the engagement and enablement of industry and government and the support of related organizations to accelerate sustainable building and development in Canada.



As a member of both the USGBC and CaGBC, CertainTeed participates in this coalition of leaders from across the building industry, to help promote the global adoption of sustainable green building and development practices.

GreenFormat

GreenFormat is a web-based CSI format that allows manufacturers to accurately report the sustainability properties of their products. It provides designers, contractors and building operators with basic information to help meet green requirements.



Manufacturers report the attributes of their products through a comprehensive, online questionnaire. Their entries are then displayed through www.greenformat.com, where designers, contractors and building operators can search for products that fit their projects.

CertainTeed products, including Ecophon Focus Dg, Ecophon Focus Ds, Ecophon Hygiene Performance, Gyptone POINT 11, and Fine Fissured HNRC can be found on GreenFormat.com

Energy Star

ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy that helps protect the environment through the promotion of energy efficient products and practices.



CertainTeed Corporation is honored to be selected as a 2011 ENERGY STAR Partner of the Year for Energy Management by the United States Environmental Protection Agency (EPA), the third consecutive year the company has been chosen. This prestigious award recognizes CertainTeed for its accomplishments and leadership in reducing greenhouse gas emissions through energy efficiency.

Sustainable Solutions Corporation and GreenCircle Certified

Sustainable Solutions Corporation (SSC), a sustainability consulting firm, worked with CertainTeed Ceilings to conduct an independent analysis and third party certification of the recycled content of selected CertainTeed Ceilings products through the GreenCircle Certified process. This certification process encompasses facility site visits to audit and verify the manufacturing process and recycled material use, a thorough review of the specifications and actual recipes for the products produced, and verification that CertainTeed Ceilings is capable of, and consistently produces, products that are in compliance with its recycled content claim.

SSC has completed the GreenCircle Certification process and has issued official third party certification of CertainTeed Ceilings recycled content claims for all products denoted with the GreenCircle Certified logo.

<http://www.sustainablesolutionscorporation.com/>



Sustainable Solutions Green Circle Certified Carbon Footprint Reduction

Sustainable Solutions Corporation (SSC), a sustainability consulting firm, worked with CertainTeed Ceilings to conduct an independent third party evaluation on the L'Anse Michigan ceilings manufacturing plant. This certification verifies that the L'Anse Michigan plant has undergone an 18.6% reduction to its carbon footprint based on the utilization of waste steam, which reduced natural gas combustion (scope 1) emissions.



Swedish Asthma and Allergy Association

All Ecophon products in this catalog have been recommended by the Swedish Asthma and Allergy Association and have been assessed to be free from allergens, perfumes and irritating substances to a degree that no known, medically reported cases exist. Assessments of products are made by the Product Council of the Association (specialists in medicine, chemistry and technology) and are based on analysis of the formula for the actual product, emission data (which are both provided by the manufacturer) and the Association's own research results.



The Nordic Swan Eco-label

The "Swan" is the official Nordic eco-label, introduced by the Nordic Council of Ministers. In Sweden, the Swan label is managed by SIS Eco-labeling, a non-profit organization commissioned by the Swedish government and parliament. A product carrying the Nordic Swan Eco-label meets extremely high environmental standards. Most Ecophon products have been granted this eco-label.



Products carrying the Nordic Swan Eco-label:

- Have minimum content of substances harmful to the environment or health
- Meet general requirements for low environmental impact on water, soil and air over their whole life cycle
- Have a high recycled content
- Have low energy consumption during manufacture (in which the use of renewable energy is encouraged)

<http://ecolabel.svanen.nu/>

Sustainability

RECYCLING PROGRAM

Property Owner. Architect. Contractor. Distributor.

Whatever your role, by recycling ceiling tiles you can play the part of a true environmentalist.

CertainTeed Ceilings Recycling Program

CertainTeed Ceilings Recycling Program is designed to capture and reclaim old ceiling tiles before they enter landfills, effectively closing the loop on a product's life cycle so that it can begin anew.

The ecologically intelligent design behind CertainTeed Ceilings Recycling Program not only produces cost savings from recycling, but it also allows property owner and contractor participants to contribute toward valuable points under the LEED rating system for construction waste management.

It's the kind of smart thinking that puts us another step closer to a cleaner, sustainably managed world.

Just Take Three Steps to Sustainability with CertainTeed.

1. Check. When you are ready to specify a new ceiling, check with CertainTeed to see if your old ceiling panels can be recycled. Your CertainTeed Ceilings Sales Representative will assist you in determining if your panels qualify for our program. And remember, they don't have to be CertainTeed panels to be considered.
2. Collect & Stack. Secure the old ceiling tiles on pallets and prepare them for shipment per the instructions you receive from CertainTeed.
3. Call. Contact us and let us know you're ready to go. Full truckload quantities are on us. For less than truckload amounts, contact your CertainTeed Ceilings Sales Representative to discuss other options.

Recycling ceiling tiles is that simple.

And it's that easy to make a real *difference* in our world.

Call **800-233-8990** or visit **www.buildingresponsibly.com/ceilings** for information and guidelines.

Project: LEED Core and Shell Gold Office Building
Location: Philadelphia, PA
Application: Acoustical Ceilings
Architect: Robert A.M. Stern Architects
Contractor: Wyatt, Inc.
Products: Ecophon® Focus™ Dg/Ecophon® Focus™ Ds
Distributor: The Kempf Company



CertainTeed Products Reach New Heights

Towering over the Philadelphia skyline at 975 feet, the city's new 58-story Comcast Center is a high-performance sustainable building with an abundance of features that will conserve energy and reduce environmental impacts.

The building, which opened for business in July 2008, was designed to receive LEED® certification from the U.S. Green Building Council (USGBC). Developer Liberty Property Trust was recently awarded a LEED for Core & Shell Gold Certification from USGBC. The LEED for Core & Shell rating system acknowledges developers and encourages the implementation of green design and construction practices, as do all LEED certification programs.

Comcast Center is constructed with materials containing high levels of recycled content. Offering optimum sustainability, seven CertainTeed products are featured throughout Comcast Center: CertainTeed Ecophon® Focus™ Dg and Ecophon® Focus™ Ds ceiling panels; Trelisio™, Claro® and Ceilencio® ceiling products from CertainTeed's Decoustics line; CertaPro™ AcoustaTherm™ Batt Insulation; and SoffTouch™ Duct Wrap Insulation.

Two of CertainTeed's highest recycled content products — Ecophon Focus Dg and Focus Ds — were selected for the Center. In addition to smooth installation and spectacular results, the use of Ecophon Focus Dg and Focus Ds gave the project a significant green boost. With LEED-recycled content of 73%, both products offer the highest such percentage of any ceiling panel available in North America.

A high-end watch and jewelry retailer located in the Comcast Center features multi-finish ceiling applications that include the Ceilencio concealed ceiling system, Trelisio stainless steel woven wire panels and Claro acoustically transparent coating. These products are all from CertainTeed's Decoustics line.

The Comcast Center serves as the headquarters for Comcast Corporation, the largest provider of cable services in the United States with 24.4 million cable customers throughout the country.







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NRC RATING

PRODUCT NAME	NRC	PAGE
Open Plan™	1.05	94
Ecophon® Hygiene™ Advance Hanging Baffle	0.95	50
Ecophon® Hygiene™ Performance A	0.95	48
Ecophon® Master™ A alpha	0.95	52
Ecophon® Solo	0.95	54
Symphony® <i>f</i>	0.95	102
Adagio®	0.90	32
Ecophon® Focus™ Dg	0.90	38
Ecophon® Hygiene™ Advance A	0.90	48
Ecophon® Master™ E alpha	0.90	52
Ecophon® Super G™	0.90	56
Theatre Black <i>f</i>	0.90	108
Ecophon® Hygiene™ Protec A	0.85	48
Ecophon® Focus™ Ds	0.85	40
Adagio® High CAC	0.80	32
Ecophon® Focus™ F	0.80	42
Gyptone® POINT 11™	0.80	64
Gyptone® QUATTRO 20™	0.75	66
Cashmere® High NRC	0.70	80
Fine Fissured High NRC	0.70	90
Gyptone® LINE 4™	0.70	62
Symphony® <i>m</i>	0.70	106
Versatone™	0.70	112
TufCore™	0.65	68
Baroque™	0.60	72
Baroque™ Customline®	0.60	74
Cashmere®	0.60	76
Cashmere® Customline®	0.60	78
Cashmere® Style Edge	0.60	82
Directional Fissured	0.60	84
Fine Fissured	0.60	86
Fine Fissured Customline®	0.60	88
Vantage 10™	0.60	110
School Board®	0.55	100
Sand Micro™	0.50	96
Sand Micro™ Customline®	0.50	98
Aquarock™	—	34
Ecophon® Focus™ Wing	—	44
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Gyptone® BASE 31™	—	60
Landmark™	—	92
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Vinylrock™	—	114
VinylShield™ A, C	—	116

PRODUCT NAME	CAC	PAGE
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Symphony® <i>g</i>	42	104
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Baroque™ Customline®	40	74
Directional Fissured	40	84
Envirogard™	40	58
Fine Fissured	40	86
Fine Fissured Customline®	40	88
School Board®	40	100
TufCore™	40	68
Vantage 10™	40	110
Vinylrock™	40	114
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Cashmere®	35	76
Cashmere® Customline®	35	78
Cashmere® Style Edge	35	82
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Gyptone® POINT 11™	35	64
Gyptone® QUATTRO 20™	35	66
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Sand Micro™ Customline®	35	98
Symphony® <i>m</i>	35	106
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Ecophon® Master™ A alpha	30	52
Ecophon® Super G™	30	56
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Cashmere® Customline®	74	78
Cashmere® High NRC	74	80
Cashmere® Style Edge	74	82
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Ecophon® Solo	71	54
Ecophon® Super G™	71	56
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Versatone™	42	112
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Aquarock™	0	34
Envirogard™	0	58
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Vinylrock™	0	114

PRODUCT NAME	LR	PAGE
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Symphony® <i>m</i>	0.90	106
TufCore™	0.90	68
Sand Micro™	0.88	96
Sand Micro™ Customline®	0.88	98
Ecophon® Focus™ Dg	0.85	38
Ecophon® Focus™ Ds	0.85	40
Ecophon® Focus™ F	0.85	42
Ecophon® Focus™ Wing	0.85	44
Ecophon® Master™ A, E alpha	0.85	52
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Ecophon® Hygiene™ Advance A	0.84	48
Ecophon® Hygiene™ Performance A	0.84	48
Ecophon® Hygiene™ Protec A	0.84	48
Fine Fissured	0.84	86
Fine Fissured Customline®	0.84	88
Open Plan™	0.84	94
School Board®	0.84	100
Baroque™	0.83	72
Baroque™ Customline®	0.83	74
Cashmere®	0.83	76
Cashmere® Customline®	0.83	78
Cashmere® Style Edge	0.83	82
Fine Fissured High NRC	0.83	90
Vantage 10™	0.83	110
Cashmere® High NRC	0.82	80
Directional Fissured	0.82	84
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Versatone™	0.79	112
Aquarock™	0.78	34
Ecophon® Super G™	0.78	56
Envirogard™	0.78	58
Vinylrock™	0.78	114
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Contact Information

For Product and Installation Questions:

- Call 1-800-233-8990 (Monday-Thursday: 7:30 am-6:30 pm; Friday: 7:30 am-6:00 pm EST) or email ceilingtechnicalservices@certainteed.com. English, Spanish and French speakers available.

To place an order:

- Inside Sales — call 1-800-346-7978.

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