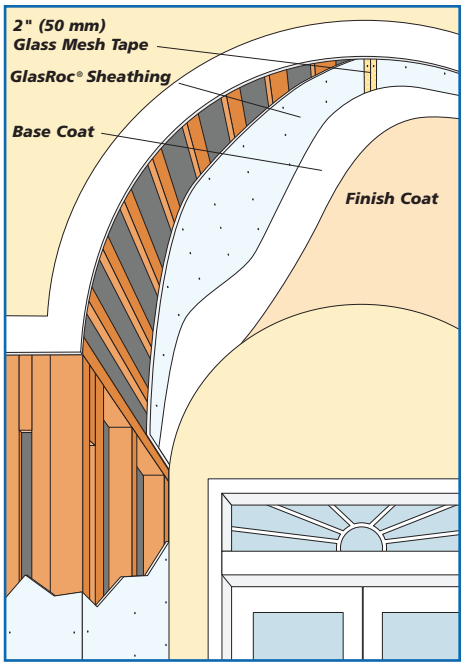
GlasRoc® Sheathing
Exterior Designs / Arches & Soffits



Refer to finish system manufacturer for glass mesh reinforcement requirements.

Recommended Lengthwise Bending Radii

Sheathing Board Thickness	Tested - Bent Lengthwise Radii
1/2" (12.7 mm) **GlasRoc®** Sheathing	4' - (1219 mm)
5/8" (15.9 mm) **GlasRoc®** Sheathing Type X	6' - (1829 mm)

Exterior Archways, Exterior Concave & Convex Surfaces

GlasRoc® Sheathing is engineered for use in curved exterior gypsum board applications. There is no need to score or moisten the board to bend it. To prevent flat areas in the curved surface, framing should be positioned at a maximum spacing of 6" (150 mm).

Consult the Gypsum Association document GA-226 for framing recommendations.

Application to Archways

GlasRoc® Sheathing can be installed in an archway or on a concave or convex surface by applying pressure onto the board to fit the radius and then holding it firmly in place while fastening it to the framing members. To best seat the product in tight radius applications, temporarily install a stop at one end of the framed radius to serve as a restraint support. Install the product with coated side out with one of the width ends placed flush against the temporary stop and secure with fasteners, one framing member at a time. Repeat until the product has been secured to all framing members. Fasteners should be spaced no greater than 8" (200 mm) apart.

Referenced Standards

- ASTM C 954: Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.33 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness
- ASTM C 1002: Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases
- ASTM C 1177: Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing
- ASTM C 1280: Standard Specification for Application of Gypsum Sheathing
- ASTM C 1397: Practice for Application of Class PB Exterior Insulation and Finish Systems
- ASTM E 84 (CAN/ULC-S102): Test Method for Surface Burning Characteristics of Building Materials
- ASTM E 96: Test Methods for Water Vapor Transmission of Materials