

CertainTeed
ProRoc[®] BRAND
Sheathing Treated Core
Sheathing Treated Core Type X

Product Data and Submittal

Product Description

ProRoc[®] Sheathing Treated Core is a water-repellent gypsum sheathing for application to the outside of building framing members, and serves as the base for the exterior wall finish. ProRoc[®] Sheathing Treated Core Type X provides the same base as ProRoc[®] Sheathing, plus it has a specially formulated core for use in fire resistance-rated designs. Both products consist of a solid set, gypsum core covered with durable water-resistant backing and face paper. ProRoc[®] Sheathing and ProRoc[®] Sheathing Type X are available in a variety of lengths.

Basic Uses

ProRoc[®] Sheathing and ProRoc[®] Sheathing Type X are used as attachments to the outside of exterior wall framing as a water-resistant underlayment for various siding materials. ProRoc[®] Sheathing and ProRoc[®] Sheathing Type X can be used as a sheathing for wood-framed residential construction to provide fire resistance, weather protection and to add structural strength when used under exterior finishes. They can also serve as sheathing for steel stud commercial construction and as a component in

curtainwall and exterior insulation and finish systems. ProRoc[®] Sheathing Type X can be used in fire-rated exterior wall assemblies.

Advantages

- Low material and application costs.
- Moisture-resistant core and water-repellent surfaces provide a barrier that resists passage of wind and water.
- Non-combustible gypsum core protects framing elements, even when siding or finish material is combustible.
- Can be scored and snapped to exact size without cutting or sawing.
- Consistently high quality.
- High edge hardness.
- No wavy edges, warps, bows or deformities.

Limitations

- ProRoc[®] Sheathing is not a finished surface, nor is it a substrate for the direct application of stucco, paint or textures.
- Framing spacing should not exceed 24" o.c.
- ProRoc[®] Sheathing should not be used as a nailing base.
- ProRoc[®] Sheathing application to framing by adhesive only is not recommended.

- Boards should be stacked flat with care taken to prevent sagging or damage to edges, ends and surfaces.
- ProRoc[®] Sheathing is not recommended for application to exterior ceilings, soffits or sills.
- ProRoc[®] Sheathing should be spaced not less than 1/4" from abutting masonry to minimize wicking.
- Storing outside for up to one month is acceptable if stacked off the ground and under protective cover.
- ProRoc[®] Sheathing and ProRoc[®] Sheathing Type X are designed for use as a substrate to be covered by an exterior cladding or other weather barrier, and are not intended for long-term exposure. Treated Core sheathing may be left exposed for up to one month after application.

(Continued on back)

Job Name

Contractor

Date

Products Specified:

Submittal Approvals
(Stamps or Signatures)

Composition and Materials

ProRoc® Sheathing and ProRoc® Sheathing Type X are manufactured panels with gypsum cores, covered with durable, water-resistant face and backing paper. Available with a water-resistant treated core or a nontreated core. ProRoc® Sheathing Type X also contains various additives to enhance the fire-resistive qualities.

Sizes and Types

Thicknesses: 1/2", 5/8" (Type X)

Widths: 1/2" - 2" and 4' standard

5/8" - 4' standard

Lengths: 8' to 12' standard

Edges:

1/2" - Square, Tongue and Groove¹

5/8" - Square

¹2' x 8' Tongue and Groove at Nashville, AR plant Only.

Packaging: Two pieces per bundle, face-to-face and end-taped

Special widths, lengths or edges may be available on special order. Consult your CertainTeed sales representative.

Applicable Standards

ProRoc® Sheathing meets ASTM C 1396, ASTM C 79 standards; ProRoc® Sheathing Type X meets ASTM C 1396, ASTM C 79 standards.

Technical Data

Surface Burning Characteristics

All ProRoc® Sheathing has a Flame Spread rating of 15 and Smoke Developed rating of 0, in accordance with ASTM E 84. (UL 723, UBC 8-1, NFPA 255, CAN/ULC-S102)

Fire Resistance

Fire resistance tests are conducted in accordance with ASTM E 119, (ANSI/UL 263, UBC 7-1, NFPA 251, CAN/ULC-S101) and no warranty is made other than conformance to the standard under which the assembly was tested. Minor discrepancies may exist in the values of ratings, attributable to changes in materials and standards, as well as differences between testing facilities. Assemblies are listed as "combustible" (wood framing) and "noncombustible" (concrete and/or steel construction).

For fire resistance ratings, refer to the Gypsum Association Fire Resistance Design Manual and UL Fire Resistance Directory - Vol. 1.

Installation

Applicable Standards and References

- ASTM C 1280
- Gypsum Association GA-253 and GA-254
- ICC International Building Code (IBC)

Recommendations

Installation of ProRoc® Sheathing and ProRoc® Sheathing Type X should be consistent with methods described in the standards and references noted.

Fasteners should bear tightly against the face of the sheathing, but should not cut into the face paper. Staples should be driven with the crown parallel to the framing. Fasteners should be no less than 3/8" from the edges and ends of the sheathing.

Apply vertically with vertical edges butting over the center of framing members. Fit sheathing snugly around all openings. Attach sheathing with nails or screws spaced not over 4" o.c. around perimeter and 8" to intermediate studs (space staples not over 3" and 6" o.c. respectively). Horizontally-applied square edge gypsum sheathing shall be covered with building felt or equivalent, or horizontal joints shall be sealed.

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