

# CERTAINTEED® SHEATHING TREATED CORE TYPE X DRYWALL PANEL

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Date \_\_\_\_\_

Products Specified \_\_\_\_\_

## PRODUCT DESCRIPTION

CertainTeed Sheathing Treated Core Type X drywall panel is a water-repellent sheathing panel for application to the outside of building framing members, and serves as the base for the exterior wall finish. It consists of a non-combustible, gypsum core covered with durable water-resistant backing and face paper. Plus, it has a specially formulated core for use in fire resistance-rated designs.

## BASIC USES

CertainTeed Sheathing Treated Core Type X is used as an attachment to the outside of exterior wall framing as a water-resistant underlayment for various siding materials. CertainTeed Sheathing Treated Core 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. It can also serve as sheathing for steel stud commercial construction and as a component in curtainwall and exterior insulation and finish systems. CertainTeed Sheathing Treated Core 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.
- High edge hardness.
- No wavy edges, warps, bows or deformities.
- GREENGUARD® Gold Certified

## INSTALLATION

### LIMITATIONS

- CertainTeed Sheathing Treated Core Type X 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" (610 mm) o.c.
- CertainTeed Sheathing Treated Core Type X should not be used as a nailing base.
- CertainTeed Sheathing Treated Core Type X application to framing by adhesive only is not recommended.
- Panels should be stacked flat with care taken to prevent sagging or damage to edges, ends and surfaces.
- CertainTeed Sheathing Treated Core Type X is not recommended for application to exterior ceilings, soffits or sills.
- CertainTeed Sheathing Treated Core Type X 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.
- CertainTeed Sheathing Treated Core Type X is designed for use as a substrate to be covered by an exterior cladding or other weather barrier, and is not intended for long-term exposure. CertainTeed Sheathing Treated Core Type X may be left exposed for up to one month after application.



## PRODUCT DATA

PROPERTIES	5/8" SHEATHING TREATED CORE DRYWALL PANELS
Thickness	5/8" (15.9 mm)
Width	4' (1220 mm)
Length	8' to 12' (2440 mm to 3660 mm)
Weight	2.25 lb/ft <sup>2</sup> (11.0 kg/m <sup>2</sup> )
Edges	Square
Packaging	Two pieces per bundle, face-to-face and end-taped

Custom lengths may be available on special order. Consult your CertainTeed sales representative.

## TECHNICAL DATA

APPLICABLE STANDARDS AND REFERENCE	
Product Standard	ASTM C1396
Installation Guidelines	ASTM C840 / GA-216
Finishing Guidelines	ASTM C840 / GA-214
Code References	International Building Code (IBC)
Code References	International Residential Code (IRC)
Code References	National Building Code of Canada (NBCC)
UL/ULC Designation	Type X-1

PHYSICAL PROPERTIES	5/8" (15.9 mm) SHEATHING TREATED CORE TYPE X	TEST METHOD
Nominal Width	4' (1220 mm)	-
Standard Lengths	8' (2440 mm) to 12' (3660 mm)	-
Face Surface	Paper	-
Weight - lb/ft <sup>2</sup> (kg/m <sup>2</sup> )	2.25 lb/ft <sup>2</sup> (11.0 kg/m <sup>2</sup> )	-
Edge Profile	Square	-
Surface Burning Characteristics - Flame Spread	15 (0)	ASTM E84 / UL 723 (CAN/ULC-S102)
Surface Burning Characteristics - Smoke Developed	0 (0)	ASTM E84 / UL 723 (CAN/ULC-S102)
Combustibility	Non-Combustible	ASTM E136
Water Resistance	≤ 10%	ASTM C473
Nail Pull	≥ 87 lbf (387 N)	ASTM C473 (Method B)
Core Hardness - End	≥ 11 lbf (49 N)	ASTM C473 (Method B)
Core Hardness - Edge	≥ 11 lbf (49 N)	ASTM C473 (Method B)
Flexural Strength - Parallel	≥ 46 lbf (205 N)	ASTM C473 (Method B)
Flexural Strength - Perpendicular	≥ 147 lbf (654 N)	ASTM C473 (Method B)
Humidified Deflection	≤ 5/8" (16 mm)	ASTM C473

## RECOMMENDATIONS

Installation of CertainTeed® Sheathing Treated Core 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" (9.3 mm) 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" (101.6 mm) o.c. around perimeter and 8" (203.2 mm) to intermediate studs (space staples not over 3" (76.2 mm) and 6" (152.4 mm) o.c. respectively). Horizontally-applied square edge gypsum sheathing shall be covered with required membrane when applicable and joints shall be sealed.

## BIM/CAD INFORMATION

The BIM and CAD UL fire rated assemblies and sound assemblies can be found on CertainTeed's BIM and CAD Design Studio at [bimlibrary.saint-gobain.com/certainteed](http://bimlibrary.saint-gobain.com/certainteed). CertainTeed's BIM and CAD Design Studio provides BIM and CAD details to many UL fire rated assemblies and sound assemblies in easy to view experience. Plus, downloadable Revit and DWG and PDF CAD Details are available.

## SUSTAINABILITY

Sustainable documentation, including recycled content, EPDs, HPDs, VOC Certifications, can be found at [saintgobain.ecomedes.com](http://saintgobain.ecomedes.com).

## NOTICE

The information in this document is subject to change without notice. CertainTeed assumes no responsibility for any errors that may inadvertently appear in this document.

For Fire Resistance, 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).

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