



CertainTeed® Exterior Soffit

TYPE X & TYPE C DRYWALL PANELS

CertainTeed Exterior Soffit Type X and CertainTeed Exterior Soffit Type C Drywall Panels are used for the underside of eaves, carport ceilings, canopies and other commercial and residential exterior applications with indirect exposure to the weather. CertainTeed Exterior Soffit Type X and Type C Panels have a specially formulated core providing fire resistance ratings when used in tested assemblies. Both types consist of a non-combustible gypsum core covered with durable, 100% recycled face and back paper and are available in a variety of lengths.

Basic Uses

CertainTeed Exterior Soffit Type X and Type C Drywall Panels are commonly used for commercial applications such as ceilings for covered walkways, large canopies and parking areas, and for residential applications such as open porches, breezeways, carports and exterior soffits.

Advantages

- Ideal for indirect exposure to the weather.
- Uniform high-strength cores eliminate crumbling, cracking.
- Edge tapers consistent to form perfect joints.
- Uniformly flat, attractive appearance.
- 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.
- GREENGUARD Gold Certified.

PRODUCT DATA

PROPERTIES	EXTERIOR SOFFIT DRYWALL PANELS
Thickness	5/8" (15.9 mm) Type X and Type C
Width	4' (1220 mm) standard
Length	8' and 12' (2440 and 3660 mm)
Weight	2.2 lb/ft ² for 5/8" Type X 2.3 lb/ft ² for 5/8" Type C
Edges	Tapered
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, Type C

Job Name _____

Contractor _____

Date _____

Products Specified _____

PHYSICAL PROPERTIES	5/8" (15.9 mm) EXTERIOR SOFFIT TYPE X	5/8" (15.9 mm) EXTERIOR SOFFIT TYPE C	TEST METHOD
Nominal Width	4' (1220 mm)	4' (1220 mm)	-
Standard Lengths	8' (2440 mm) 12' (3660 mm)	8' (2440 mm) 12' (3660 mm)	-
Face Surface	Paper	Paper	-
Weight - lb/ft ² (kg/m ²)	2.2 lb/ft ² (10.7 kg/m ²)	2.3 lb/ft ² (11.2 kg/m ²)	-
Edge Profile	Tapered	Tapered	-
Surface Burning Characteristics - Flame Spread	15 (0)	15 (0)	ASTM E84 / UL 723 (CAN/ULC-S102)
Surface Burning Characteristics - Smoke Developed	0 (0)	0 (0)	ASTM E84 / UL 723 (CAN/ULC-S102)
Surface Burning Characteristics	Class A	Class A	ASTM E84 / UL 723 (CAN/ULC-S102)
Combustibility	Non-Combustible	Non-Combustible	ASTM E136 (CAN/ULC-S114)
Nail Pull	≥ 87 lbf (387 N)	≥ 87 lbf (387 N)	ASTM C473 (Method B)
Core Hardness - End	≥ 11 lbf (49 N)	≥ 11 lbf (49 N)	ASTM C473 (Method B)
Core Hardness - Edge	≥ 11 lbf (49 N)	≥ 11 lbf (49 N)	ASTM C473 (Method B)
Flexural Strength - Parallel	≥ 46 lbf (205 N)	≥ 46 lbf (205 N)	ASTM C473 (Method B)
Flexural Strength - Perpendicular	≥ 147 lbf (654 N)	≥ 147 lbf (654 N)	ASTM C473 (Method B)
Humidified Deflection	≤ 5/8" (16 mm)	≤ 5/8" (16 mm)	ASTM C473

Installation

LIMITATIONS

- Exposure to continuous moisture or extreme temperatures should be avoided. Not recommended for continuous exposure to temperatures exceeding 125°F (52°C).
- Framing spacing should not exceed 24" (610 mm) o.c. for 5/8" CertainTeed Exterior Soffit Type X and Type C Panels.
- Store indoors and off ground surface. Storage should be in accordance with the Gypsum Association GA-801, *Handling and Storage of Gypsum Panel Products*.
- Panels should be stacked flat with care taken to prevent sagging or damage to edges, ends and surfaces.
- Storing panels lengthwise leaning against the framing is not recommended.
- Panels should be carried, not dragged, to place of installation to prevent damaging finished edges.
- Suitable fascias and moldings should be provided around the perimeter to protect the panel from direct exposure to water.
- Panel edges should be placed no less than 1/4" (6.4 mm) away from abutting vertical surfaces.
- Where CertainTeed Exterior Soffit Panels are applied directly to joists or rafters, vents are required at the end of each joist space.
- Use fiberglass mesh tape to tape panel joints. Then treat joints and fastener heads with setting-type joint compound, such as CertainTeed Rapid Joint.

Recommendations

Installation of CertainTeed Exterior Soffit Type X and Type C Panels should be consistent with methods described in the standards and references noted. Exterior Soffit Panels must be horizontal or sloping downward away from building. Framing should be no more than 24" (610 mm) o.c. Suitable fascias and moldings should be provided around the perimeter to protect the Exterior Soffit Panel from direct exposure to water.

CertainTeed Exterior Soffit should be finished using fiberglass mesh tape over the panel joints. Then apply a setting-type joint compound, such as CertainTeed Rapid Joint, over fastener heads and panel joints. Refer to ASTM C840 or GA-214 for finishing guidelines.

Decoration

Exposed areas of CertainTeed Exterior Soffit Panel shall be sealed with exterior primer and one coat of exterior paint; other procedures are the same as interior ceiling installation.

Certifications

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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.

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, EPD's, HPD's, VOC Certifications, can be found at 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).