

# CERTAINTEED® EXTERIOR SOFFIT TYPE X AND TYPE C DRYWALL PANELS

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

Contractor \_\_\_\_\_

Date \_\_\_\_\_

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

## PRODUCT DESCRIPTION

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 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 water resistant backing 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 and malls, 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.

## 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 Soffit Type X and Type C Panels.
- Store indoors and off ground surface.
- 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 Soffit Panels are applied directly to joists or rafters, vents are required at the end of each joist space.



## PRODUCT DATA

| PROPERTIES | EXTERIOR SOFFIT DRYWALL PANELS   |
|------------|--|
| Thickness  | 5/8" (15.9 mm) Type X and Type C   |
| Width      | 4' (1220 mm)   |
| Length     | 8' and 12' (2440 and 3660 mm)  |
| Weight     | 2.2 lb/ft <sup>2</sup> for 5/8" Type X<br>2.3 lb/ft <sup>2</sup> for 5/8" Type C |
| Edges      | Tapered  |
| Packaging  | Two pieces per bundle,<br>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                        |

| PHYSICAL PROPERTIES                               | 5/8" (15.9 MM) SOFFIT TYPE X                     | 5/8" (15.9 MM) SOFFIT TYPE C                     | TEST METHOD                      |
|---|--|--|----------------------------------|
| Nominal Width                                     | 4' (1220 mm)                                     | 4' (1220 mm)                                     | -                                |
| Standard Lengths                                  | 8' (2440 mm), 12' (3660 mm)                      |  | -                                |
| Face Surface                                      | Paper  | Paper  | -                                |
| Weight - lb/ft <sup>2</sup> (kg/m <sup>2</sup> )  | 2.2 lb/ft <sup>2</sup> (10.7 kg/m <sup>2</sup> ) | 2.3 lb/ft <sup>2</sup> (11.2 kg/m <sup>2</sup> ) | -                                |
| 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                        |
| 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                        |

## RECOMMENDATIONS

Installation of CertainTeed® Exterior Soffit Type X and Type C Panels should be consistent with methods described in the standards and references noted. 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 Soffit Panel from direct exposure to water.

## DECORATION

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

## 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, EPD's, HPD's, 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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## CertainTeed

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