

CertainTeed

Exterior Soffit

Type X and Type C Gypsum Board

Product Data and Submittal

Product Description

CertainTeed Exterior Soffit Type X and CertainTeed Exterior Soffit Type C Gypsum Boards 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 Board have a specially formulated core for use in fire resistance-rated designs. Both types consist of a solid set 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 Boards 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

Product Data

Thicknesses:

5/8" (15.9 mm) Type X and
1/2" (12.7mm) Type C

Width: 4' (1220 mm) standard

Lengths: 8' to 12' (2440 mm to
3660 mm) standard

Weights: 2.2 lb psf for 5/8" Type X
1.95 lb psf for 1/2" Type C
2.3 lb psf 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

Composition and Materials

CertainTeed Exterior Soffit Type X
and Type C Boards are manufactured
panels with gypsum cores, covered
with durable, water-resistant backing

paper. They also contain various
aggregates to enhance their fire-
resistive qualities.

Surface Burning Characteristics

All CertainTeed Exterior Soffit
Type X and Type C Boards have
a Flame Spread rating of 15 and
Smoke Developed rating of 0,
in accordance with ASTM E84
(UL 723, CAN/ULC-S102).
ULC rating is 0 and 0.

Fire Resistance

Fire resistance tests are conducted
in accordance with ASTM E119,
(ANSI/UL 263, CAN/ULC-S101).
CertainTeed Exterior Soffit Type X
and Type C Board Boards are
classified by Underwriters Laborato-
ries Inc. for USA and Canada and
carry the UL label for inclusion in
one, two and three hour rated fire
resistance assemblies. Underwriters
Laboratories tests have proven that
joint finishing is not required for the
rating in certain assemblies. For fire
resistance ratings, refer to the
Gypsum Association Fire Resistance
Design Manual GA-600 and UL Fire
Resistance Directory.

UL/ cUL/ ULC Designation

Type X-1, Type C

Continued on back

Job Name

Contractor

Date

Products Specified:

Submittal Approvals
(Stamps or Signatures)

CertainTeed
SAINT-GOBAIN

Applicable Standards and References

- CertainTeed Exterior Soffit Type X and Type C Boards meet ASTM C1396 Type X standards.
- ASTM C840
- CAN/CSA-A82.27
- Gypsum Association GA-216
- International Building Code (IBC)
- IRC International Residential Code

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 Board.
- Store indoors and off ground surface.
- Boards should be stacked flat with care taken to prevent sagging or damage to edges, ends and surfaces.
- Storing board lengthwise leaning against the framing is not recommended.
- Boards 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 board from direct exposure to water.
- Board edges should be placed no less than 1/4" (6.4 mm) away from abutting vertical surfaces.
- Where CertainTeed Soffit Boards are applied directly to joists or rafters, vents are required at the end of each joist space.

Decoration

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

Recommendations

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

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 certainteed.concora.com. 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 certainteed.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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