

# CERTAINTEED® INTERIOR CEILING DRYWALL PANEL

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

Contractor \_\_\_\_\_

Date \_\_\_\_\_

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

## PRODUCT DESCRIPTION

CertainTeed Interior Ceiling Drywall Panel consists of a non-combustible gypsum core enclosed in ivory-colored face paper and a strong liner back paper, for use on interior ceilings where framing is spaced up to 24" (610 mm) o.c. The gypsum core is comprised of special sag-resistant additives. Long edges are slightly tapered, allowing joints to be reinforced and concealed with joint tape and joint compound.

## BASIC USES

CertainTeed Interior Ceiling Drywall Panel is used for interior ceilings in standard residential and commercial applications. It can be used for new construction or renovations over wood or steel framing. It is typically nailed or screwed perpendicular to framing spaced up to 24" (610 mm) o.c.

## ADVANTAGES

- Resists sagging; supports heavy-textured water-based paints and unsupported insulation. Gypsum core is composed of special sag-resistant additives.
- Creates uniform appearance; standard tapered conventional edges provide smooth, sturdy joints.
- Non-combustible gypsum core increases fire safety.
- Provides excellent paintability, accepting primer and paint absorption.
- Sized same as standard drywall panel 1/2" (12.7 mm) to allow maximum use of leftover pieces, thereby minimizing waste.
- Rapid screw or nail attachment.
- Openings can be made where and when required, during or after installation.
- Can be applied with furring and trim common to conventional construction.
- Consistently high quality.
- Uniformly flat, attractive appearance.
- No wavy edges, warps, bows or deformities.
- Uniform high-strength cores eliminate crumbling, cracking.
- GREENGUARD® Gold Certified.

## INSTALLATION

### LIMITATIONS

- Should not be exposed directly to weather. Not recommended for continuous exposure to temperatures exceeding 125°F (52°C).
- Framing spacing should not exceed 24" (610 mm) o.c.
- Panels should be stacked flat with care taken to prevent sagging or damage to edges, ends and surfaces.
- Storing panel lengthwise leaning against the framing is not recommended.
- Panels should be carried, not dragged, to place of installation to prevent damaging finished edges.
- Do not use in exterior soffits or exterior ceiling applications.
- In cold weather or during joint finishing, temperatures within the enclosure should stay within the range of 50° to 95°F (10° to 35°C) and with sufficient ventilation to carry off excess moisture.



## PRODUCT DATA

| PROPERTIES | 1/2" INTERIOR CEILING DRYWALL PANELS              |
|------------|---|
| Thickness  | 1/2" (12.7 mm)                                    |
| Width      | 4' (1220 mm)                                      |
| Length     | 12' (3660 mm)                                     |
| Weight     | 1.8 lb/ft <sup>2</sup> (8.8 kg/m <sup>2</sup> )   |
| 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) |

| PHYSICAL PROPERTIES                               | 1/2" (12.7 MM) INTERIOR CEILING                 | TEST METHOD                      |
|---|---|----------------------------------|
| Nominal Width                                     | 4' (1220 mm)                                    | -                                |
| Standard Lengths                                  | 12' (3660 mm)                                   | -                                |
| Face Surface                                      | Paper   | -                                |
| Weight - lb/ft <sup>2</sup> (kg/m <sup>2</sup> )  | 1.8 lb/ft <sup>2</sup> (8.8 kg/m <sup>2</sup> ) | -                                |
| Edge Profile                                      | Tapered   | -                                |
| Surface Burning Characteristics - Flame Spread    | 15 (15)   | ASTM E84 / UL 723 (CAN/ULC-S102) |
| Surface Burning Characteristics - Smoke Developed | 0 (0)   | ASTM E84 / UL 723 (CAN/ULC-S102) |
| Surface Burning Characteristics                   | Class A   | ASTM E84 / UL 723 (CAN/ULC-S102) |
| Nail Pull   | ≥ 77 lbf (343 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                      | ≥ 36 lbf (160 N)                                | ASTM C473 (Method B)             |
| Flexural Strength - Perpendicular                 | ≥ 107 lbf (476 N)                               | ASTM C473 (Method B)             |
| Humidified Deflection                             | ≤ 5/16" (8 mm)                                  | ASTM C473                        |

## RECOMMENDATIONS

Installation of CertainTeed® Interior Ceiling Drywall Panel should be consistent with methods described in the standards and references noted. Cutting should be from the face side of the panel for best results. Reduce sagging in new drywall panel ceilings by controlling the weight of overlaid unsupported insulation at 2.4 lb/ft<sup>2</sup> (11.7 kg/m<sup>2</sup>) with frame spacing at 24" (610 mm) o.c. Install a separate vapor retarder where required in roofed ceilings, when the plenum or attic space is vented with a minimum of 1/2 square inch (325 mm<sup>2</sup>) net free vent area per square foot of horizontal space. Before installing insulation and vapor retarder, water-based spray texturing materials should be completely dry. Drying usually takes several days.

## DECORATION

CertainTeed Interior Ceiling Drywall Panel accepts most types of paints. The surface shall be primed with a full-bodied latex primer before applying a final decorative material. This will equalize the suction between the joint compounds and the paper surface.

For best painting results, all surfaces, including joint compound, should be clean, dust-free and not glossy. If glossy paints are used, a Level 5 finish, is recommended to reduce highlighting or joint photographing.

Joint treatment must be thoroughly dry before proceeding with primersealer application and final decoration.

## 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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