

Drywall Products

Selector Guide

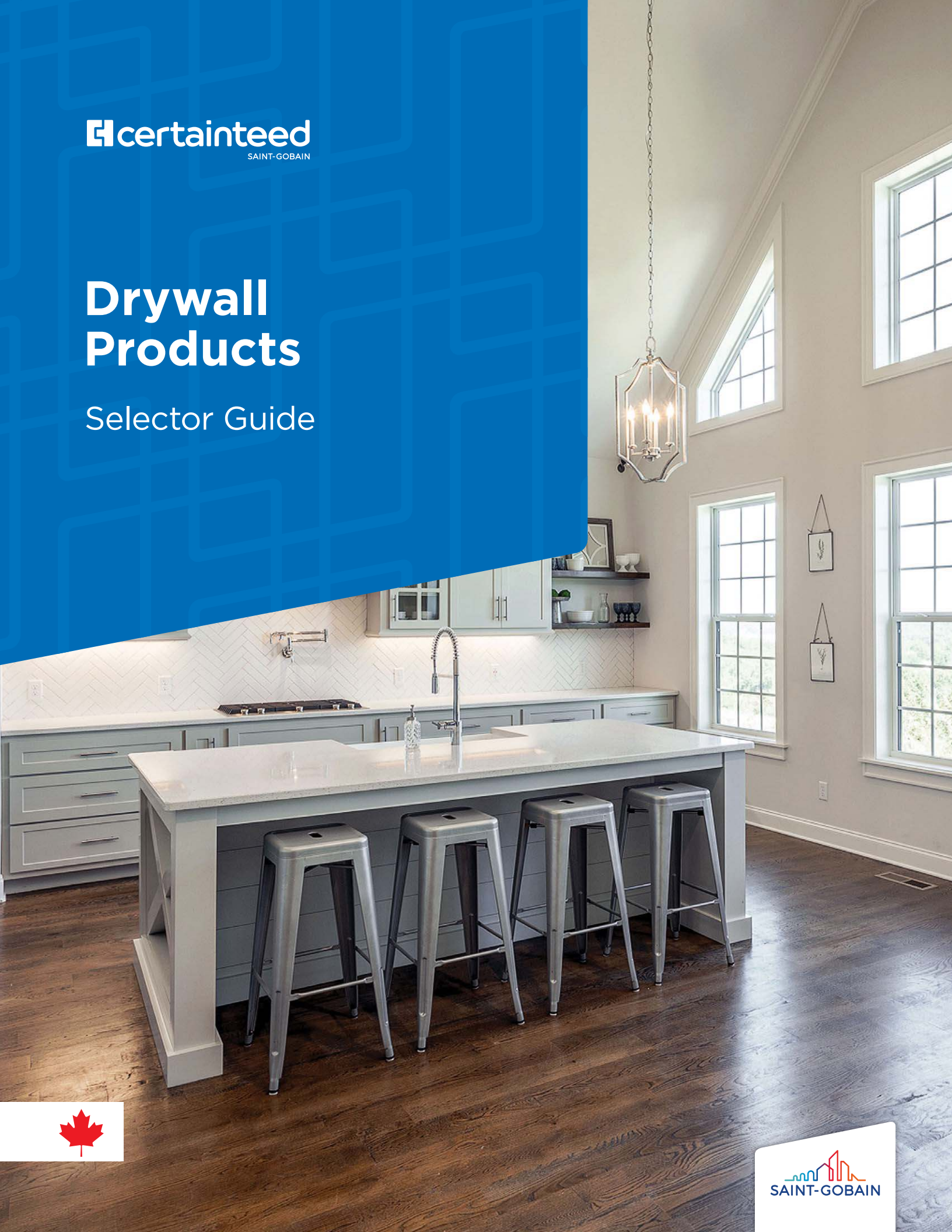




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Dependability When it Matters Most



The walls you build are constructed with precision and hard work. The products you use need to bring that same level of performance. That's why we offer a full range of reliable drywall and finishing solutions that make installations faster and simpler, all while helping you keep pace with demand – no matter the size, complexity, or location of the project.

Our drywall solutions are manufactured with quality and consistency, and our products are readily available, no matter where you are in the country. Plus, our in-house technical support team is ready to help you through even the most demanding installations. We have your back, so you can easily stay on schedule, within budget, and keep your projects running smoothly.

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's BIM and CAD Design Studio provides BIM and CAD details to many UL fire rated assemblies and sound assemblies in an easy to view experience. Plus, downloadable Revit and DWG and PDF CAD details are available.

SUSTAINABILITY

Information is power and when the facts are clear, you can make the best decisions. That's the power of working with CertainTeed, an innovative leader in gypsum, insulation, ceiling and exterior products. CertainTeed was the first manufacturer in the industry to provide gypsum, ceiling and insulation specific transparency documents. We are proud to provide:

- Over 57 Environmental Product Declarations (EPDs)
- Over 44 Health Product Declarations (HPDs)

These documents help to contribute to the Canada Green Building Council's LEED Credit Qualification in several categories needed for LEED certification. Sustainable documentation, including recycled content, EPD's, HPD's, VOC Certifications, can be found at saintgobain.ecomedes.com.



Building Responsibly

CertainTeed respects the environment through the responsible development of sustainable building products and systems.

The building industry continues to look for ways to reduce impact on the environment while meeting customer demand for products that deliver beauty, comfort and performance.

CertainTeed's commitment to these goals is reflected here, highlighting our ongoing effort to become the preeminent supplier of green building materials.

Awareness of the importance of acoustics in sustainable construction continues to grow, and this is evident with the inclusion of sustainability requirements in many building programs and codes:



Review system performance information to see how CertainTeed products can help contribute to these sustainable programs.

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- LEED v4.1
 - IEQ Credit 9
Acoustic Performance
 - MR Credit: Building Product Disclosure and Optimization—Environmental Product Declarations. On many of our products, valued as 1.5 products with our Product-Specific Type II EPD's.
 - MR Credit: Building Product Disclosure and Optimization—Materials Ingredients. On many of our products, valued as 1.5 products with our 3rd Party Verified HPD's.
- Green Guide for Health Care
 - EQ Credit 9.1
Acoustic Environment
- 2015 International Green Construction Code (IgCC)
 - Section 3.3
Acoustical Control

Well v1:

- #1 - Air: Air Quality Standards
- #4- Air: VOC Reduction
- #11 - Air: Fundamental Material Safety
- #25 - Air: Toxic Material Reduction
- #26 - Air: Enhanced Material Safety
- #74 - Comfort: Exterior Noise Intrusion
- #81 - Comfort: Sound Barriers
- #97 - Mind: Material Transparency

Product Standards

Building Safer, Smarter, and Faster

Our drywall systems, along with our full building materials portfolio, are created with the goal of improving occupant health and well-being in all the places where we live, learn, work, heal, and play. With CertainTeed, you'll be able to make any space a better home, quickly and efficiently.



SilentFX® QuickCut™ Noise-Reducing Gypsum Panel significantly improves sound attenuation and is ideal for systems requiring high STC performance. M2Tech® provides added moisture and mould resistance.



M2Tech® Moisture and Mould Resistant Gypsum Panel features a unique technology that combines moisture and mould resistance and is specially engineered to provide enhanced protection against mould growth.



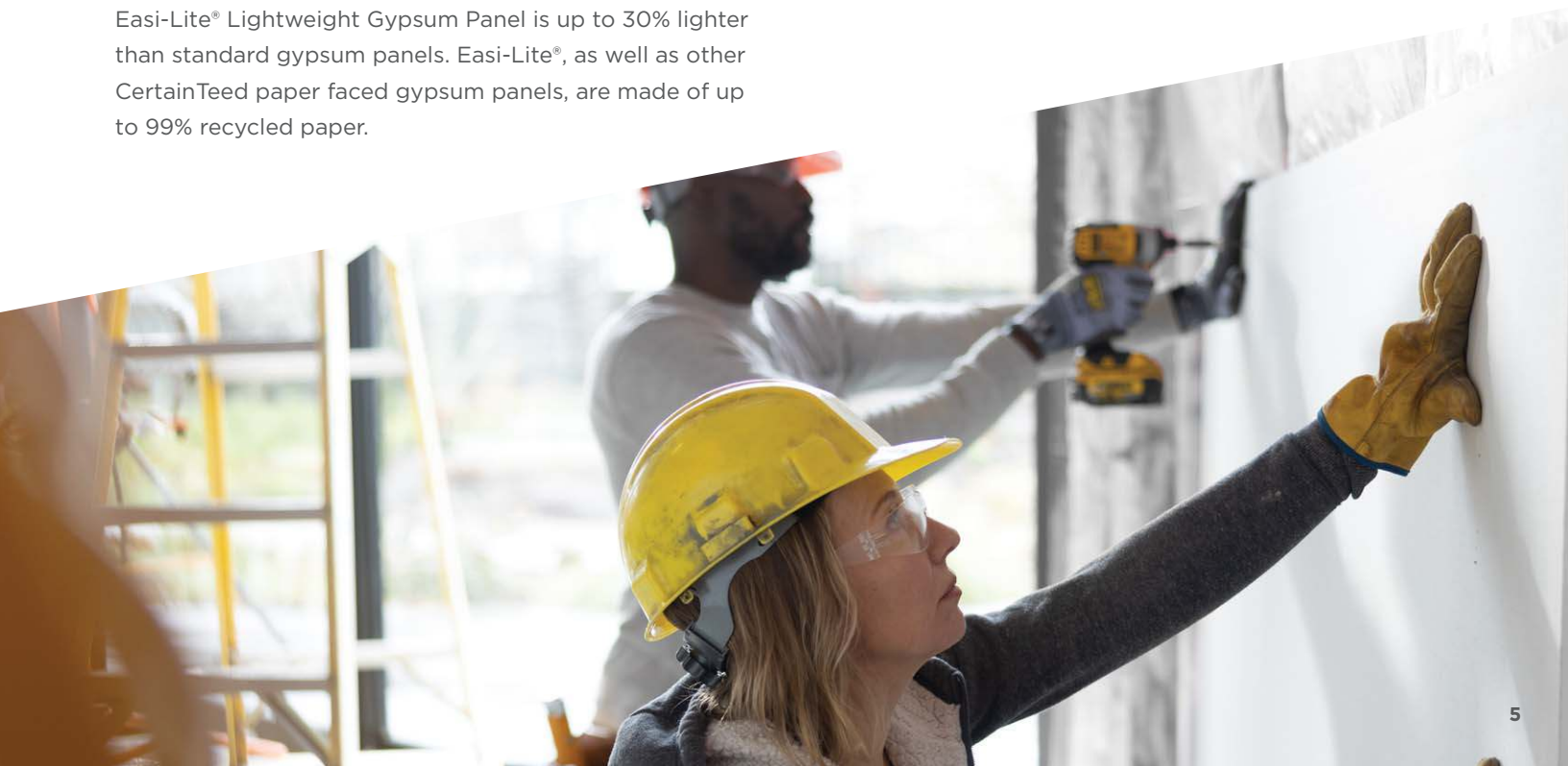
Extreme Abuse and Extreme Impact provide increased protection and durability for areas subjected to repeat wear and tear. Available with M2Tech® for added mould resistance.



The first order of GlasRoc® business is protection—whether that's guarding against the exterior environment or resisting interior moisture and high humidity — the GlasRoc® family of products combine reinforcing glass with a protective coating and a water-resistant gypsum core. Available in exterior sheathing, shaftliner, and tile backer.



Easi-Lite® Lightweight Gypsum Panel is up to 30% lighter than standard gypsum panels. Easi-Lite®, as well as other CertainTeed paper faced gypsum panels, are made of up to 99% recycled paper.



Solution-Based Drywall Products

PRODUCT / DESCRIPTION	CORE	THICKNESS	WIDTHS	LENGTHS ¹	EDGE DETAIL	ASTM*
SILENTFX® QUICKCUT™						
 SILENTFX® QUICKCUT™ NOISE-REDUCING GYPSUM PANEL  Acoustical Gypsum Panel that features  a viscoelastic polymer for significant  reduction of sound transmission between  rooms. A key part of systems achieving  STC ratings of 50 and higher. Abuse  resistant and features M2Tech for enhanced  mould resistance.	Regular	1/2" (12.7 mm)	4' (1220 mm)	8' (2440 mm) 10' (3050 mm) 12' (3660 mm)	Tapered	C1766 C1396 C1629, A2: 1 D3273 D4977: 3**
 SILENTFX® QUICKCUT™ NOISE-REDUCING GYPSUM PANEL TYPE X  Provides the same features as SilentFX  QuickCut 1/2" (12.7 mm) Gypsum Panel plus  has a specially formulated gypsum core for  use in fire-resistive, Type X designs.	Type X	5/8" (15.9 mm)	4' (1220 mm)	8' (2440 mm) 10' (3050 mm) 12' (3660 mm)	Tapered	C1766 C1396 C1629, A1 and A2: 3 D3273 D4977: 3**
EXTREME IMPACT / EXTREME ABUSE / ABUSE						
 EXTREME IMPACT RESISTANT TYPE X GYPSUM PANEL²  The highest level of protection for impact  and abuse areas in high traffic applications  such as hospital corridors, gymnasiums,  utility rooms, airport terminals and public  buildings. Features a fiberglass  reinforcement for protection against hard  and soft body impact and M2Tech for  enhanced mould resistance.	Type X	5/8" (15.9 mm)	4' (1220 mm)	8' (2440 mm) 10' (3050 mm) 12' (3660 mm)	Tapered	D4977: 3** C1629, A1 and A2: 3 D5420: 1 C1396 D3273
 EXTREME ABUSE RESISTANT TYPE X GYPSUM PANEL²  Increased protection and durability required  for abuse prone areas that are subjected to  repeated wear and tear, such as classrooms,  patient rooms and public buildings. Features  M2Tech for enhanced mould resistance.	Type X	5/8" (15.9 mm)	4' (1220 mm)	8' (2440 mm) 10' (3050 mm) 12' (3660 mm)	Tapered	D4977: 3** C1629, A1 and A2: 2 D5420: 1 C1396 D3273
 ABUSE RESISTANT GYPSUM PANEL²  Base level protection provided by a dense,  Type C gypsum core that offers greater  resistance to abuse and sound transmission  than regular gypsum panel.	Type C	1/2" (12.7 mm)	4' (1220 mm)	8' (2440 mm) 10' (3050 mm) 12' (3660 mm)	Tapered	D4977: 2** D5420: 1 E695: 1 C1396

Product availability and sustainability attributes:



¹ Custom lengths may be available. Lengths vary by region.

² Not available in all areas. Consult your CertainTeed Gypsum Territory Manager for availability in your area.

*CertainTeed certifies that the products described herein meet or exceed listed ASTM requirements.

**Results are reflective of samples prepared with 1 coat primer and 1 coat semi-gloss latex paint.

Solution-Based Drywall Products

PRODUCT / DESCRIPTION	CORE	THICKNESS	WIDTHS	LENGTHS ¹	EDGE DETAIL	ASTM*
EXTREME IMPACT / EXTREME ABUSE / ABUSE						
 ABUSE RESISTANT TYPE X GYPSUM PANEL²  Provides the same features as Abuse  Resistant 1/2" (12.7 mm) Gypsum Panel plus  has a specially formulated gypsum core for  use in fire-resistive, Type X designs.	Type X	5/8" (15.9 mm)	4' (1220 mm)	8' (2440 mm) 10' (3050 mm) 12' (3660 mm)	Tapered	D4977: 2** D5420: 1 E695: 2 C1629: 1 C1396
TYPE X						
 TYPE X GYPSUM PANEL  Used in many common applications where  fire-resistant ratings are required. Specially  formulated core for use in fire-resistive, Type  X designs.	Type X	5/8" (15.9 mm)	4' (1220 mm) 54" (1370 mm)	8' (2440 mm) 9' (2740 mm) 10' (3050 mm) 12' (3660 mm)	Tapered	C1396
TYPE C						
 TYPE C GYPSUM PANEL  Consists of a specially formulated, enhanced  Type C core for use in fire-resistive, Type X  and proprietary Type C designs.	Type C	1/2" (12.7 mm) 5/8" (15.9 mm)	4' (1220 mm)	8' (2440 mm) 9' (2740 mm) 10' (3050 mm) 12' (3660 mm)	Tapered	C1396
M2TECH®						
 M2TECH® GYPSUM PANEL  For extra protection against moisture  and mould, this technology features a  water-resistive core combined with a  moisture and mould resistant paper.	Regular	1/2" (12.7 mm)	4' (1220 mm)	8' (2440 mm) 10' (3050 mm) 12' (3660 mm)	Tapered	C1396 D3273
 M2TECH® TYPE X GYPSUM PANEL  Provides the same use as M2Tech  Gypsum Panel plus a specially  formulated core for fire-resistance  ratings up to four hours.	Type X	5/8" (15.9 mm)	4' (1220 mm)	8' (2440 mm) 10' (3050 mm) 12' (3660 mm)	Tapered	C1396 D3273
 M2TECH® SHAFTLINER TYPE X  Achieves the best possible scores of 10 per  ASTM D3273 for mould resistance; used for  interior vertical enclosures, stairwells,  elevator enclosures, area separation  firewalls, etc. Offers lightweight, thinner walls, ease and speed of installation and cleanup, and cost effective construction. For extended weather exposure applications, specify GlasRoc® Shaftliner Type X.	Type X	1" (25.4 mm)	2' (610 mm)	8' (2440 mm) 10' (3050 mm) 12' (3660 mm)	Double Beveled	C1396 D3273

Product availability and sustainability attributes:

 Fire-Rated	 Moisture and Mould Resistant	 Recycled Content	 Acoustics	 Durability	 Low VOCs
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**Results are reflective of samples prepared with 1 coat primer and 1 coat semi-gloss latex paint.

Solution-Based Drywall Products

PRODUCT / DESCRIPTION	CORE	THICKNESS	WIDTHS	LENGTHS ¹	EDGE DETAIL	ASTM*
VENEER PLASTER BASE						
 VENEER PLASTER BASE GYPSUM PANEL²  An interior gypsum panel with a specially formulated face paper for use under gypsum veneer plaster.	Regular	1/2" (12.7 mm)	4' (1220 mm)	8' (2440 mm) 12' (3660 mm)	Tapered	C1396
 VENEER PLASTER BASE TYPE X GYPSUM PANEL²  An interior gypsum panel with a specially formulated face paper for use under gypsum veneer plaster. Has a solid set, fire-resistive gypsum core enclosed in a highly absorptive paper surface.	Type X	5/8" (15.9 mm)	4' (1220 mm)	8' (2440 mm) 12' (3660 mm)	Tapered	C1396
GLASROC®						
 GLASROC® TILE BACKER GYPSUM PANEL  A water-resistant, gypsum tile backer with an engineered glass mat face and back surface designed for tile applications. The lightweight 1/2" (12.7 mm) thick product is a superior tile substrate for walls, ceilings and countertops.	Regular	1/2" (12.7 mm)	32" (813 mm) 4' (1220 mm)	5' (1524 mm) 8' (2440 mm)	Square	C1178 D3273
 GLASROC® TILE BACKER TYPE X GYPSUM PANEL  Provides the same use as 1/2" (12.7 mm) GlasRoc Tile Backer plus has a specially formulated core for fire-resistive, Type X designs.	Type X	5/8" (15.9 mm)	32" (813 mm) 4' (1220 mm)	5' (1524 mm) 8' (2440 mm)	Square	C1178 D3273
 GLASROC® INTERIOR TYPE X GYPSUM PANEL  High-performance interior panels consisting of a noncombustible gypsum core, and fiberglass face and back mats, designed to provide exceptional mould and moisture resistance for interior applications and exterior soffits. Has a specially formulated core for fire-resistive, Type X designs.	Type X	5/8" (15.9 mm)	4' (1220 mm)	8' (2440 mm) 10' (3050 mm)	Tapered	C1658 D3273

Product availability and sustainability attributes:



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Solution-Based Drywall Products

PRODUCT / DESCRIPTION	CORE	THICKNESS	WIDTHS	LENGTHS ¹	EDGE DETAIL	ASTM*
GLASROC®						
 GLASROC® SHEATHING GYPSUM PANEL  Weather-resistant gypsum sheathing produced with an engineered face and back glass mat for enhanced mould resistance.  GlasRoc Sheathing is an appropriate substrate in CI and EIF Systems, one-coat and conventional stucco systems, traditional cladding systems, exterior ceilings, soffit systems and exterior curved applications. Can also be incorporated into Air Barrier assemblies.	Regular	1/2" (12.7 mm)	4' (1220 mm)	8' (2440 mm) 10' (3050 mm)	Square	C1177 D3273
 GLASROC® SHEATHING TYPE X GYPSUM PANEL  Provides the same use as GlasRoc Sheathing plus a specially formulated core for fire-resistance ratings up to four hours.	Type X	5/8" (15.9 mm)	4' (1220 mm)	8' (2440 mm) 10' (3050 mm)	Square	C1177 D3273
 GLASROC® SHAFTLINER TYPE X  Designed and engineered to provide added protection against moisture and mould, GlasRoc Shaftliner achieved the best possible score of 10 per ASTM D3273 for mould resistance.	Type X	1" (25.4 mm)	2' (610 mm)	8' (2440 mm) 10' (3050 mm) 12' (3660 mm)	Double Beveled	C1396 C1658 D3273
REGULAR						
 REGULAR GYPSUM PANEL  Used for interior walls and ceilings in standard residential or commercial applications.	Regular	3/8" (9.5 mm)	4' (1220 mm)	8' (2440 mm)	Tapered	C1396
1/4" FLEX						
 1/4" FLEX GYPSUM PANEL²  Specially designed for curved applications. Provides greater installation flexibility required to take the contour of frame placement. Ideal for curved staircases and ceilings as well as column enclosures.	Regular	1/4" (6.35 mm)	4' (1220 mm)	8' (2440 mm)	Tapered	C1396

Product availability and sustainability attributes:



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Solution-Based Drywall Products

PRODUCT / DESCRIPTION	CORE	THICKNESS	WIDTHS	LENGTHS ¹	EDGE DETAIL	ASTM*
EASI-LITE®						
 EASI-LITE® LIGHTWEIGHT GYPSUM PANEL  Up to 30% lighter than Regular gypsum panel — easier to carry and install, resulting in faster installation. Uniform high strength, solid edge hardness and a sag resistant gypsum core makes it ideal for ceiling and wall applications.	Regular	1/2" (12.7 mm)	4' (1220 mm) 54" (1370 mm)	8' (2440 mm) 9' (2740 mm) 10' (3050 mm)	Tapered	C1396
 EASI-LITE® INTERIOR CEILING GYPSUM PANEL  A solid set, gypsum core enclosed in ivory-colored face paper and a strong liner back paper, for use on interior ceilings perpendicular to framing spaced up to 24" (610 mm) o.c. Gypsum core comprised of special sag-resistant additives.	Regular	1/2" (12.7 mm)	4' (1220 mm)	8' (2440 mm) 10' (3050 mm)	Tapered	C1396

Product availability and sustainability attributes:



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CertainTeed provides innovative building products and systems for commercial, institutional and residential designs. With over 80 years of experience manufacturing and marketing in North America, CertainTeed Gypsum is committed to focusing on quality, service, and safety to provide a superior experience to its customers.

TEST STANDARDS

Fire resistance and sound tests are conducted in accordance with ASTM E119 (CAN/ULC-S101, UL 263) and ASTM E90, respectively, and 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).

COMBUSTIBLE ASSEMBLIES

These include all wood stud walls, wood joist or truss ceilings and floors consisting of tongue-and-groove, plywood, or OSB sub-flooring and finish flooring or a poured gypsum floor underlayment over wood structural panel sub-flooring. Floor assembly may be used over the wood joists with ceilings as detailed in GA and ULC/cUL/UL references.

NONCOMBUSTIBLE ASSEMBLIES

These include steel studs, bar joist ceilings with poured concrete floors over metal lath or steel. Also included

are steel beams and steel columns. Ceilings for all 1-hour, 1 1/2-hour, and 2-hour noncombustible floor and ceiling assemblies with 2" (51 mm) or 2 1/2" (63.5 mm) concrete floor or metal lath over steel bar joists, unless otherwise specified, may be directly attached or suspended as detailed in GA and UL/cUL/ULC references.

FIRE RESISTANCE

CertainTeed Type X and Type C, M2Tech® Type X, SilentFX® QuickCut™ Type X, GlasRoc® Tile Backer Type X, GlasRoc Shaftliner Type X, and GlasRoc Sheathing Type X products are Classified by Underwriters Laboratories Inc. and Listed by Underwriters Laboratories of Canada and carries the ULC/cUL/UL Label for 1-, 2-, 3- and 4-hour Fire Resistance in various designs. Underwriters Laboratories Inc. tests have proven that joint finishing is not required for the rating in certain assemblies using Type X and Type C products. For fire resistance ratings, refer to the Gypsum Association Fire Resistance Design Manual GA-600, and the UL, cUL and ULC Fire Resistance Directories.

SURFACE BURNING CHARACTERISTICS

CertainTeed® Gypsum Panels have Flame Spread ratings of 0 to 15 and Smoke Developed ratings of 0 to 5, and GlasRoc® products have Flame Spread Ratings of 0 and Smoke Developed Ratings of 0 in accordance with ASTM E84 (CAN/ULC-S102, UL 723).

SOUND CHARACTERISTICS

The degree to which assemblies block the passage of sound is measured by Sound Transmission Class (STC) per ASTM E90 and E413, which is a single figure rating derived from the sound transmission loss values over a range of sound frequencies. All sound-rated assemblies require acoustical sealant at assembly perimeters and penetrations, and other locations where sound leaks may develop. For sound characteristics, refer to the Gypsum Association's *Fire Resistance and Sound Control Design Manual GA-600*.

STORAGE

Gypsum panels must be stored in an area that protects it from adverse weather conditions, condensation and other forms of moisture and direct sunlight. Panels should be neatly 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. Refer to *Handling and Storage of Gypsum Panel Products GA-801*.

MORE INFORMATION

Consult the Gypsum Association publication *Application and Finishing of Gypsum Panel Products GA-216*, for detailed application and finishing procedures. For full details of fire and sound ratings, consult test references listed for system assemblies.

Characteristics, properties or performance of materials or systems manufactured by CertainTeed herein described are derived from data obtained under controlled test conditions. CertainTeed makes no warranties, express or implied, as to their characteristics, properties or performance under any variations from such conditions in actual construction. CertainTeed assumes no responsibility for the effects of structural movement.

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