PRODUCT DATA SUBMITTAL SHEET

EXTREME ABUSE
ABUSE RESISTANT DRYWALL PANEL

Job Name _____

Contractor _____

Date _____

Products Specified _____

PRODUCT DESCRIPTION

Extreme Abuse Resistant Drywall Panel with M2Tech® is used for interior wall and ceiling applications which require improved durability and enhanced moisture and mold resistance. Extreme Abuse contains a specially formulated, dense, non-combustible, fire-resistant Type X gypsum core, reinforced by glass fiber and enclosed in a 100% recycled moisture and mold resistant face and back paper. This combination affords greater resistance to abuse and sound transmission in high traffic areas compared to standard drywall panels. Extreme Abuse Drywall Panel is also made with proprietary M2Tech® paper which improves indoor air quality by providing enhanced moisture and mold resistance. Joint finishing is accomplished by using normal drywall finishing techniques according to GA-214 Levels of Drywall Panel Finish. Once primed, walls may be painted, wallpapered or textured for the desired look.

BASIC USES

Extreme Abuse is used for interior walls and ceilings in residential, commercial or institutional applications where improved surface abrasion and indentation resistance is required. It can be used for new construction or renovations over wood or steel framing.

FOR USE IN ABUSE PRONE AREAS

Extreme Abuse provides the increased protection and durability required for abuse prone areas that are subject to repeated wear and tear, such as classrooms, patient rooms and public buildings.

ADVANTAGES

- Greater resistance to abuse than standard drywall panels.
- Lightweight, fast installation with smaller footprint versus concrete masonry units.
- M2Tech® paper provides additional zone of protection against moisture and mold growth.
- Achieves best possible score of 10 for mold resistance per ASTM D3273.
- Handles like standard drywall panels.
- Type X fire-resistant gypsum core.
- GREENGUARD® Gold Certified.
- Improved sound attenuation over standard drywall panels.

PRODUCT DATA

PROPERTIES	ABUSE RESISTANT DRYWALL PANEL
Thickness	5/8″ (15.9 mm)
Width	4′ (1220 mm)
Length	8′, 10′, 12′ Standard (2440, 3050, 3660 mm)
Weight	2.8 lb/ft^2 (13.7 kg/m^2)
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
Abuse Resistant Classification Level	ASTM C1629
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

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PHYSICAL PROPERTIES	5/8" (15.9 MM) EXTREME ABUSE TYPE X	TEST METHOD
Nominal Width	4′ (1220 mm)	-
Standard Lengths	8′ (2440 mm), 10′ (3050 mm), 12′ (3660 mm)	-
Face Surface	Paper	-
Weight - lb/ft^2 (kg/m^2)	2.8 lb/ft^2 (13.7 kg/m^2)	-
Edge Profile	Tapered	-
Surface Burning Characteristics - Flame Spread	15 (0)	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)
Combustibility	Non-Combustible	ASTM E136
Mold Resistance	10 out of 10	ASTM D3273
Surface Abrasion	Level 3*	ASTM C1629 (ASTM D4977)
Indentation Resistance	Level 1	ASTM C1629 (ASTM D5420)
Soft Body Impact	Level 2	ASTM C1629
Hard Body Impact	Level 2	ASTM C1629
Nail Pull	≥ 87 lbf (387 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	≥ 46 lbf (205 N)	ASTM C473 (Method B)
Flexural Strength - Perpendicular	≥ 147 lbf (654 N)	ASTM C473 (Method B)
Humidified Deflection	≤ 5/8" (16 mm)	ASTM C473

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

INSTALLATION

LIMITATIONS

- Where 5/8" (15.9 mm) Type C is specified to attain a fire resistance rating, Extreme Abuse cannot be substituted.
- Maximum framing spacing as per the International Building Codes and National Building Code of Canada recommended application standards and design listings.
- To reduce potential installation issues such as screw spin-out on lighter gauge studs, minimum of 20 gauge studs (0.0296 in. [0.752 mm] design thickness) are recommended.
- Avoid exposure to water or excessive moisture during transportation, storage, handling, during or after installation. Good design and construction practices that prevent water and moisture exposure of building products are the most effective strategy to avoid the growth of mold.
- Not recommended for exterior application.
- Extreme Abuse is not recommended for areas which will be continuously wet or subjected to high humidity such as tub and shower enclosures behind tile, saunas, steam rooms or public showers.
- Not recommended for continuous exposure to temperatures exceeding 125˚F (52˚C).
- 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.
- Cutting and scoring should be done from the face side.
- 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.

ABUSE RESISTANCE CLASSIFICATION LEVELS

ASTM C1629	SURFACE ABRASION	INDENTATION RESISTANCE	SOFT BODY IMPACT	HARD BODY IMPACT
ASTM Test Method	C1629	C1629	C1629	C1629
Classification Level	3*	1	2	2

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

DECORATION

CertainTeed Extreme Abuse accepts water based acrylic (latex) and epoxy paints, primers, textures and breathable wallpapers. The surface shall be primed and sealed 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. This method is also recommended for areas of critical sidelighting of natural or artificial light sources.

A water sealer application under breathable wallpaper or other wall covering is also recommended so the board surface will not be damaged, if the covering is subsequently removed during redecorating.

Joint treatment must be thoroughly dry before proceeding with primer-sealer 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. 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).

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