

## Manufacturer

Georgia-Pacific Gypsum LLC  
133 Peachtree St., Atlanta, GA 30303  
Technical Service Hotline: 1-800-225-6119

## Description

**ToughRock® Fireguard® Type X Abuse Guard® Gypsum Board** is designed for wall assemblies in high-traffic areas where surface durability and indentation resistance are especially important, such as schools, hospitals, corrections facilities and offices. ToughRock Fireguard Type X Abuse Guard Gypsum Board is specially formulated to offer greater resistance to abrasion, rubbing, scraping, gouging and indentation on the surface.

ToughRock Fireguard Type X Abuse Guard Gypsum Board consists of a fire-resistant, dimensionally stable gypsum core formed between a face layer of heavy, smooth, abuse-resistant paper and a back layer of heavy liner paper. The heavy-duty face paper is highly resistant to scuffing when sanding joints and fasteners and provides a superior surface for decoration. It readily accepts a wide range of decorative finishes.

5/8" ToughRock Fireguard Type X Abuse Guard Gypsum Board has a Type X core that achieves fire resistance ratings derived from tests conducted by independent laboratories on specific assemblies.

ToughRock Fireguard Type X Abuse Guard Gypsum Board comes from the factory as a ready-to-finish product. The long edges are tapered. After installation, ends, edges, corners and fastener heads are normally concealed with joint treatment to produce a smooth, seamless surface prior to final decoration.

## Advantages

- Highly resistant to abuse. Offers greater resistance to abrasion, gouging and impact on the surface.
- Low installation cost. Easy-to-install; goes up quickly and finishes easily when compared to block construction.
- Fire resistance. Core meets criteria for Type X as defined in ASTM C 36.

## Product Specification

ToughRock Fireguard Type X Abuse Guard Gypsum Board is manufactured to meet the requirements of ASTM C 36 and C 1396; CSA A82.27-M; Federal Specification SS-L-30D Type III Grade X; abuse resistant when tested in accordance with ASTM C 1629; and conforms to the requirements of major building codes pertaining to Type X gypsum board.

## Limitations

ToughRock Fireguard Type X Abuse Guard Gypsum Board is a non-structural product and should not be used as a nailing base to support heavy wall-mounted objects. It is intended for interior applications only. It must be kept dry and cannot be used where exposure to moisture is extreme or continuous.

Do not use ToughRock Fireguard Type X Abuse Guard Gypsum Board where there is prolonged exposure to temperatures exceeding 125°F (52°C) and/or continuous exposure to extreme humidity, e.g., adjacent to radiant heating systems, wood-burning stoves, heating appliances, saunas or steam rooms.

## Abuse Resistance

*Surface Abrasion:* Level 2 Tested in accordance with ASTM C 1629 and ASTM D 4977.

*Indentation Resistance:* Level 1 Tested in accordance with ASTM C 1629 and ASTM D 5420.

*Soft-body Impact:* Level 1 Tested in accordance with ASTM C 1629 and ASTM E 695.

## Product Applications

ToughRock Fireguard Type X Abuse Guard Gypsum Board shall be applied in accordance with ASTM C 840 and GA-216. To apply the product to steel framing, use 20-gauge or Type S-12 screws for heavier gauge steel. The product also can be applied to wood framing with drywall nails or screws and with special adhesives in combination with supplemental fasteners.

## Safety

Wear a loose-fitting, long-sleeved shirt and long pants, protective gloves and eye protection (goggles or safety glasses with side shields). Wear a dust mask when sanding. Additional protection may be needed when very dusty.

## Handling Precautions

Product is heavier than typical 5/8" board. Caution must be used when loading and moving board. Store ToughRock Fireguard Type X Abuse Guard Gypsum Board off the ground and under cover. Stack the product flat on a level surface. Use risers to ensure support for the entire length of the board to prevent sagging. As individual sheets are removed for installation, they should be raised up on edge carefully and carried in a vertical position. (Appropriate handling is outlined in Gypsum Association publications GA 216 and GA-801.) Avoid impact, undue flexing and subsequent damage to panel edges, ends and corners.

## Decoration

ToughRock Fireguard Type X Abuse Guard Gypsum Board should be finished in the same manner as other gypsum board. For detailed finishing instructions, consult GA 216, *Recommended Procedure for the Application and Finishing of Gypsum Panel Products*, published by the Gypsum Association, and ASTM C 840, *Standard Specification for Application and Finishing of Gypsum Board*.

ToughRock Fireguard Type X Abuse Guard Gypsum Board is designed to accept most types of paints, texture and wall covering materials.

Georgia-Pacific Gypsum strongly recommends priming the surface with a full-bodied, quality latex primer before applying a final decorative material. Priming will equalize the suction variation between the joint compounds and the paper surface. If glossy paints are used, a skim coat of trowel-applied joint compound should be applied over the entire surface to reduce highlighting or joint photographing. This method is also recommended in areas with severe natural or artificial side lighting. Joint treatment must be thoroughly dry before proceeding with primer application and final decoration.

Georgia-Pacific Gypsum recommends application of a sealer under wallpaper or other wall covering so that the surface will not be damaged if the covering is subsequently removed during redecorating. For further details, see Gypsum Association GA-214, *Recommended Specification for Levels of Gypsum Board Finish*.

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## Submittal Approvals

Job Name \_\_\_\_\_  
Contractor \_\_\_\_\_  
Date \_\_\_\_\_

## Product Properties

Thickness - nominal	5/8"
Width - nominal	4'
Length	8', 9', 10', 12'
Weight, lbs./*M/sq. ft. - nominal	2750
Surfacing	Heavy paper

\* Represents approximate weight for design and shipping purposes. For more exacting board weight in your area, contact your local representative or call the Georgia-Pacific Gypsum Technical Hotline at 800-225-6119.

## ToughRock® Fireguard® Type X Abuse Guard® Gypsum Board Test Results

Test	General Description of Test	Test Result Metrics	Product Test Results
Surface Abrasion Surface Damage ASTM C 1629 and ASTM D 4977	A wire brush is cycled across the board surface. Failure is recorded as the depth of abrasion after 50 cycles. The lower the number the better the abrasion resistance.	Surface Abrasion 1. 0.0126" 2. 0.059" 3. 0.010"	Level 2
Surface Indentation Surface Damage ASTM C 1629 and ASTM D 5420	A 8 lb. weight is raised 9 inches, then dropped onto a small 5/8" round die which hits the sample. The value reported is the average of 3 or more tests.	Indentation Resistance 1. 0.150" 2. 0.100" 3. 0.050"	Level 1
Soft-Body Impact Penetration ASTM C 1629 and ASTM E 695	A leather bag filled with 60 lbs. of shot is released against the surface of the board at increasing height until failure.	Soft Body 1. 90 ft. lbs. 2. 195 ft. lbs. 3. 300 ft. lbs.	Level 1



## SALES INFORMATION AND ORDER PLACEMENT

U.S.A. Midwest: **1-800-876-4746** West: **1-800-824-7503**  
South: **1-800-327-2344** Northeast: **1-800-947-4497**

CANADA Canada Toll Free: **1-800-387-6823**  
Quebec Toll Free: **1-800-361-0486**

## TECHNICAL INFORMATION

Georgia-Pacific Gypsum Technical Hotline  
U.S.A. and Canada: **1-800-225-6119**  
www.gpgypsum.com

## TRADEMARKS

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## UPDATES AND CURRENT INFORMATION

The information in this document may change without notice. Visit our website at [www.gpgypsum.com](http://www.gpgypsum.com) for updates and current information.

## LIMITATION OF REMEDIES AND DAMAGES

Our sole liability for any product claim shall be limited to reimbursement of the cost of repair or replacement of the affected product, up to a maximum amount of two times the original purchase price for the affected product. We shall not be responsible under any circumstances for lost profits, damage to a structure or its contents, or indirect, incidental, special or conse-

quential damages. Claims shall be deemed waived if they are not submitted to us in writing within ten (10) days after discovery of a product defect/circumstance giving rise to a claim.

**CAUTION: For product fire, safety and use information, go to [gp.com/safetyinfo](http://gp.com/safetyinfo).**

## HANDLING AND USE

**CAUTION:** This product may contain fiberglass which may cause skin irritation. Dust and fibers produced during the handling and installation of the product may cause skin, eye and respiratory tract irritation. Avoid breathing dust and minimize contact with skin and eyes. Wear long sleeve shirts, long pants and eye protection. Always maintain adequate ventilation. Use a dust mask or NIOSH/MSHA approved respirator as appropriate in dusty or poorly ventilated areas. For additional product fire, safety

and use information go to [www.gp.com/safetyinfo](http://www.gp.com/safetyinfo) or call 1-800-225-6119.

## FIRE SAFETY CAUTION

Passing a fire test in a controlled laboratory setting and/or certifying or labeling a product as having a one-hour, two-hour, or any other fire resistance or protection rating and, therefore, as acceptable for use in certain fire rated assemblies/systems, does not mean that either a particular assembly/system incorporating the product, or any given piece of the product itself, will necessarily provide one-hour fire resistance, two-hour fire resistance, or any other specified fire resistance or protection in an actual fire. In the event of an actual fire, you should immediately take any and all actions necessary for your safety and the safety of others without regard for any fire rating of any product or assembly/system.