

Manufacturer

Georgia-Pacific Gypsum LLC
133 Peachtree Street, Atlanta, GA 30303
Technical Service Hotline: 1-800-225-6119 (M-F, 8-5 ET)

Description

DensGlass Ultra® Shaftliner is a unique shaftwall and area separation wall panel. It consists of a patented water resistant, noncombustible gypsum core surfaced with coated fiberglass mats that provide superior protection from the elements and help inhibit the growth of mold.¹

The core has been reinforced with inorganic glass fibers, increasing its strength and fire resistance.

DensGlass Ultra Shaftliner exhibits greater moisture resistance than regular shaftwall liner panels with improved dimensional stability that resists warping, rippling and buckling.

Tests show that DensGlass Ultra Shaftliner exhibits 15 flame spread.

Primary Uses

DensGlass Ultra Shaftliner is one component in gypsum board shaftwall systems with a designated fire-resistive rating used in building construction and can be installed in the same assemblies as Georgia-Pacific Gypsum ToughRock® shaftliner.

A specially formulated gypsum core that includes glass fibers and embedded fiberglass mats enables DensGlass Ultra Shaftliner to be used as an assembly component to help prevent or delay the spread of fire. DensGlass Ultra Shaftliner provides superb protection from the elements. DensGlass Ultra Shaftliner comes with a twelve month weather exposure limited warranty.

It is highly resistant to delamination, deterioration and the growth of mold.¹

Limitations

Non-load bearing.

Elevator door assemblies require support independent of shaftwall partitions.

Good construction practice calls for partition control joints to coincide with those of the building structure.

Limiting loads and heights not to exceed design specification.

Provide flexible sealant/caulk at partition perimeters and penetrations to avoid air leakage/whistling and dust collection.

Applicable Standards

ASTM C 442, ASTM C 1396, ASTM D 32731

Sizes and Edges

Thickness—nominal: 1"; Widths—nominal: 24"; Lengths—standard: 8'-12"; Edges: Double Bevel

Supplemental Materials

Tested metal shaftwall assembly components, corner beads and trim, expansion joints, joint tape, joint compound, sealants.

Technical Data

Surface Burning Characteristics: Flame spread 15 when tested according to ASTM E 84 or CAN/ULC-S102. The core is noncombustible when tested in accordance with ASTM E 136.

Fire Resistance Ratings: DensGlass Ultra Shaftliner is a component of gypsum board shaftwall assemblies classified for fire resistance by Intertek Testing Services/Warnock Hersey.

Sound Control: Sound-rated assemblies require sealing at top, bottom, intersections, penetrations and other locations where sound leaks may develop.

Mold Resistance: DensGlass Ultra Shaftliner does not support mold growth per ASTM D 3273.

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Submittal Approvals

Job Name _____

Contractor _____

Date _____

Physical Properties

Properties ¹	DensGlass Ultra® Shaftliner
Resistance to Growth of Mold ²	No Fungal Growth
Thickness, nominal	1" (25.4mm), ± 1/32" (0.8mm)
Width, nominal	24"
Length ³ , standard	8' (2440mm) to 12' (4270mm) ± 1/4" (6.4mm)
Weight, lbs./M sq. ft., nominal	4000
Edges	Double Bevel
Flexural strength, minimum	
Parallel, lbs.f.	80
Perpendicular, lbs.f.	230
R value ⁴	.65
Surface Burning Characteristics Flame Spread (per ASTM E 84 or CAN/ULC-S102)	15
Packaging	Single Pieces

¹Tested in accordance with ASTM C 473.

²Tested in accordance with ASTM D 3273-94.

³Lengths normally stocked are 8', 10', and 12'. Special lengths up to 14' may be available with lead times and minimum runs that vary by plant.

⁴Tested in accordance with ASTM C 518.

Note: Specified minimum values are as in ASTM C 442. Values are based upon tests conducted in accordance with ASTM C 473.



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

CAUTION: For product fire, safety and use information, go to gp.com/safetyinfo.

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 for updates and current information.

LIMITATION OF REMEDIES AND DAMAGES

Unless otherwise stated in our written warranty for these products, 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 consequential damages. Claims

shall be deemed waived if they are not submitted to us in writing within ten (10) days after discovery.

CAUTION: For product fire, safety and use information, go to gp.com/safetyinfo.

HANDLING AND USE

CAUTION: This product contains fiberglass. Fibers and dust may be released from this product during normal handling and may result in skin, eye and respiratory irritation. Avoid breathing dust and contact with the skin and eyes. Follow these standard work practices: 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 such as NIOSH-approved dust mask may be needed in poorly ventilated areas or when very dusty. Do not use a power saw. For Material Safety Data Sheet or additional information,

call 1-800-225-6119 or visit www.gpgypsum.com.

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.