

## Product Descriptions

**DensGlass® Sheathing** is an engineered exterior gypsum sheathing. It has a specially treated gypsum core and embedded fiberglass mats on both sides for superior moisture, fire and mold resistance. This product can remain exposed for up to twelve months and is an ideal substrate for a wide variety of exterior claddings.

**DensArmor Plus® High-Performance Interior Panels** are specially engineered interior gypsum panels. With its treated core and embedded fiberglass mats front and back, this enhanced product provides superior fire, moisture, and mold resistance. This product should be finished with a mold-resistant finish system. DensArmor Plus panels are GreenGuard Indoor Air Quality Certified® and have been listed as microbial resistant by the GreenGuard Environmental Institute.

**StoGuard®** is a waterproof air barrier assembly that protects backup construction (sheathing and CMU) from moisture intrusion and air leakage.

Part of the StoGuard assembly is Sto Gold Coat®, a vapor permeable air and moisture

barrier. It is a ready-mixed, flexible, waterproof coating which can be used on gypsum, cement or wood based sheathing substrates. Sto Gold Coat over DensGlass panels can be used behind various claddings including exterior insulation systems, stucco over metal lath/building paper, brick, metal panels and others.

**Sto VaporSeal™** is an air and vapor barrier. It is a ready-mixed, flexible, waterproof coating which can be used on gypsum, cement or wood based sheathing substrates. Sto VaporSeal over DensGlass panels can be used on vertical above grade walls. Sto VaporSeal can be used behind various claddings including exterior insulation systems, stucco over metal lath/building paper, brick, metal panels and others.

When applied to DensGlass Sheathing, all joints and rough openings should be treated with one of the product choices from Sto. See [www.stocorp.com](http://www.stocorp.com) for more information on these products.

### Commercial Cavity Wall Assembly

Cold Climate  
Exterior Elevations

### Interior Gypsum Panel Manufacturer

Georgia-Pacific Gypsum LLC

### Interior Gypsum Panel Names

DensArmor Plus® High-  
Performance Interior Panels

### Metal Studs

4" (102 mm) or 6" (152 mm)  
deep galvanized steel

### Exterior Gypsum Sheathing Manufacturer

Georgia-Pacific Gypsum LLC

### Exterior Gypsum Sheathing Names

DensGlass® Sheathing

### Air Barrier Membrane Manufacturer

Sto Corp.

### Air Barrier Membrane

StoGuard® Waterproof  
Air Barrier Membrane

### Wall Insulation Manufacturer

Continuous Insulation  
EPS or XEPS in  
conformance with  
ASTM C 578

Product	1/2" (12.7 mm)	5/8" (15.9 mm)	1" (25.4 mm)	1.55" (39.4 mm)	1¾" (44.5 mm)	2" (50.8 mm)	2⅝" (54.7 mm)	Type X <sup>1</sup>	SMOKE Developed <sup>2</sup>	FLAME Spread <sup>2</sup>
<b>Gypsum Panels</b>										
DensGlass® Sheathing	x	x						x	0	15
DensArmor Plus® Interior Panel	x	x						x	0	0
<b>Insulation<sup>3</sup></b>										
Continuous			x	x		x				
R-Value (XEPS) <sup>3</sup>			5	7.5		10				
R-Value (EPS) <sup>3</sup>			3.8	5.9		7.7				

<sup>1</sup> Per ASTM C 1658

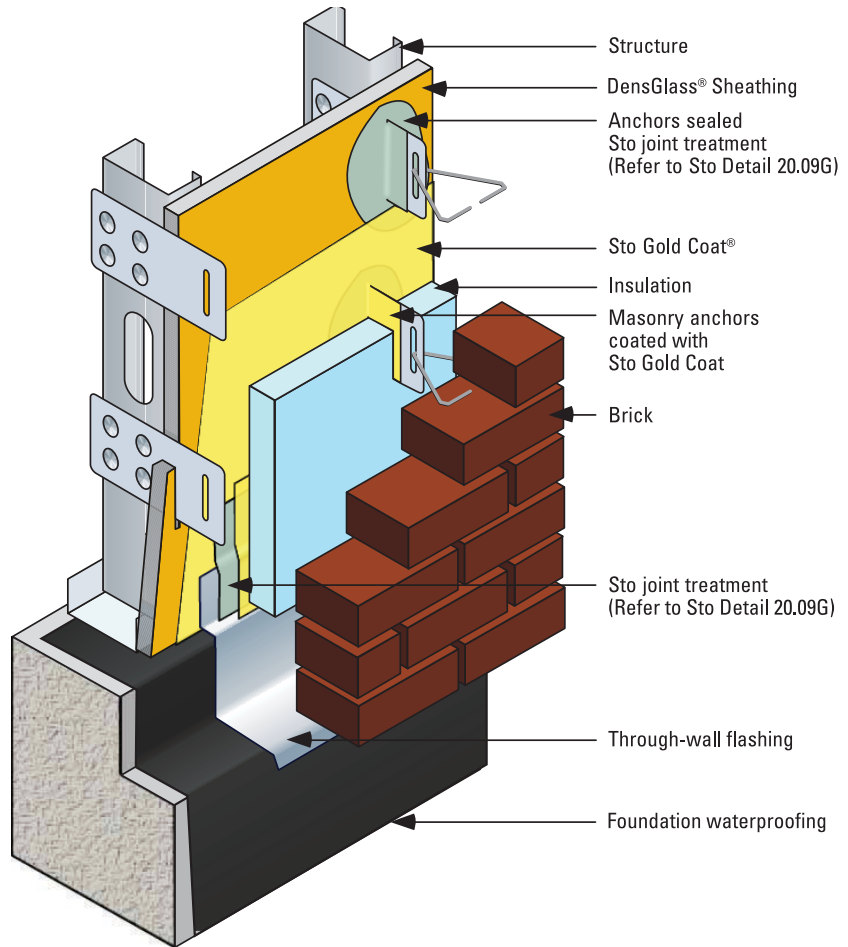
<sup>2</sup> Surface burning characteristics per ASTM E 84

<sup>3</sup> Based on publicized reports for typical continuous insulation. Please confirm with insulation manufacturer.

## StoGuard® Waterproof Air Barrier with Sto Gold Coat®

### Steel Frame with Brick Veneer

The following are for illustration purposes only. Follow membrane manufacturer's installation guidelines and specifications for proper design and use. Georgia-Pacific Gypsum does not provide engineering services. Proper design and performance criteria provided by other parties.



U.S.A. – Georgia-Pacific Gypsum LLC  
Canada – Georgia-Pacific Canada LP

#### Sales Information & 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](http://www.gpgypsum.com)

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**WARRANTIES, REMEDIES AND TERMS OF SALE** For current warranty information for DensGlass Sheathing and DensArmor Plus interior panels please go to [www.gpgypsum.com](http://www.gpgypsum.com) and select the product for warranty information. All sales of DensGlass Sheathing and DensArmor Plus interior panels by Georgia-Pacific are subject to our Terms of Sale available at [www.gpgypsum.com](http://www.gpgypsum.com). Georgia-Pacific makes no representations or warranties regarding Sto Air Barrier Systems or any component other than DensGlass Sheathing and DensArmor Plus interior panels. For additional information concerning Sto Air Barrier Systems, please contact Sto Corp. at 800-221-2397 or go to [www.stocorp.com](http://www.stocorp.com).

**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.

**CAUTION:** For fire, safety and use information concerning DensGlass Sheathing and DensArmor Plus interior panels, go to [www.gp.com/safetyinfo](http://www.gp.com/safetyinfo). For fire, safety and use information concerning Sto Air Barrier Systems, please contact Sto Corp. at 800-221-2397 or go to [www.stocorp.com](http://www.stocorp.com).

**HANDLING AND USE—CAUTION** DensGlass Sheathing and DensArmor Plus interior panels contain fiberglass facings 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 handling and use information concerning Sto Air Barrier Systems, please contact Sto Corp at 800-221-2397 or go to [www.stocorp.com](http://www.stocorp.com).

