

# DensGlass® Sheathing and Pecora Air Barrier Systems

## 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 carries a limited warranty against deterioration or delamination for up to twelve months of exposure to normal weather conditions and is an ideal substrate for a wide variety of exterior claddings. See [www.buildgp.com/warranties](http://www.buildgp.com/warranties) for complete warranty details.

**DensArmor Plus® 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.

**Styrofoam™ Cavitymate™ SC** is an extruded polystyrene foam insulation board with shiplap edges along the long edges of the board. Controls condensation, corrects steel stud thermal short circuiting and improves the performance of insulating batting.

**Pecora XL-Flash STPU Fast-Curing Liquid Flashing/Joint Filler** is a unique one part, fast curing, low VOC, non-sag elastomeric STPU (Silyl-Terminated Polyurethane) gun grade, trowelable flashing and joint sealant specially formulated for the Air and Vapor Barrier Industry. It is used to seal rough openings and detail joints and bays to most construction materials, such as brick, concrete,

wood, aluminum, vinyl, and exterior gypsum board. It features high tensile/tear strengths and abrasion resistance, yet still provides 25% total joint movement. It can be applied primerless to most substrates and is tack-free in 30 minutes at 70°F / 50% RH. Pecora XL-Flash may be used on damp surfaces.

**Pecora XL-Perm ULTRA VP** is a primerless, single component, high performance, low VOC, elastomeric fluid applied STPU (Silyl Terminated Polyurethane). It combines the best characteristics of silicone and urethane properties for exterior wall assemblies, where it functions as an air and water barrier. This durable elastomeric weatherproofing membrane requires no primer. It can be either rolled on or spray-applied in one single coat at 10-14 wet mils to achieve a coverage rate of 85-100 sq. ft. per gallon. It has excellent elasticity and crack bridging capabilities, contributing to a seamless, airtight building envelope.

**Pecora AVB Silicone Sealant** is a single component, 100% silicone sealant designed to adhere to low surface energy materials utilized in traditional and novel air and vapor barriers. It is designed as an integral component for transition seals between dissimilar materials in air and vapor barrier systems and provides primerless adhesion to most weather resistant barriers and adjacent substrates. Because of its 100% silicone composition, it is virtually unaffected by UV, precipitation, ozone, and temperature extremes. It is compatible with natural stones and other porous surfaces susceptible to staining or silicone fluid migration.

**Pecora XL-Span** is a pre-formed Silicone Transition Membrane used in combination

### Commercial Cavity Wall Assembly

Cold Climate Exterior Elevations other than EIFS

### Interior Gypsum Panel Manufacturer

Georgia-Pacific Gypsum LLC

### Interior Gypsum Panel Names

DensArmor Plus® 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

Pecora Corporation®

### Air Barrier Membrane

XL Perm Ultra VP  
XL-Flash STPU Liquid Flashing/Joint Filler  
AVB Silicone Sealant  
XL Span Pre-Formed Silicone Transition Membrane

### Wall Insulation Manufacturer

Dow Chemical Company

### Wall Insulation Name

Styrofoam™ Cavitymate™ SC

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</b>										
Styrofoam™ Cavitymate™ SC			x	x		x				
R-Value <sup>3</sup>			5	7.5		10				

<sup>1</sup> Per ASTM C1658

<sup>2</sup> Surface burning characteristics per ASTM E84

<sup>3</sup> Based on DOW's published literature.

## DensGlass® Sheathing and Pecora Air Barrier Systems

with Pecora AVB Silicone Sealant to form an air- and water-tight barrier at transitions between building façade components such as fenestration products, roof to wall, internal expansion joints, and other openings in Air Vapor Barrier and Water Resistant Barrier systems. Because of its 100% silicone composition, it is virtually unaffected by UV, precipitation, ozone, and temperature extremes. It maintains its elasticity at low temperatures and has high tear strength. It is translucent for viewing of continuous seal.

**Additional Pecora Air Barrier System Components** are available, such as AVB Silicone Sealant and XL-Span Pre-Formed Silicone Transition Membrane, designed to seal critical wall to window/curtain wall connections.

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

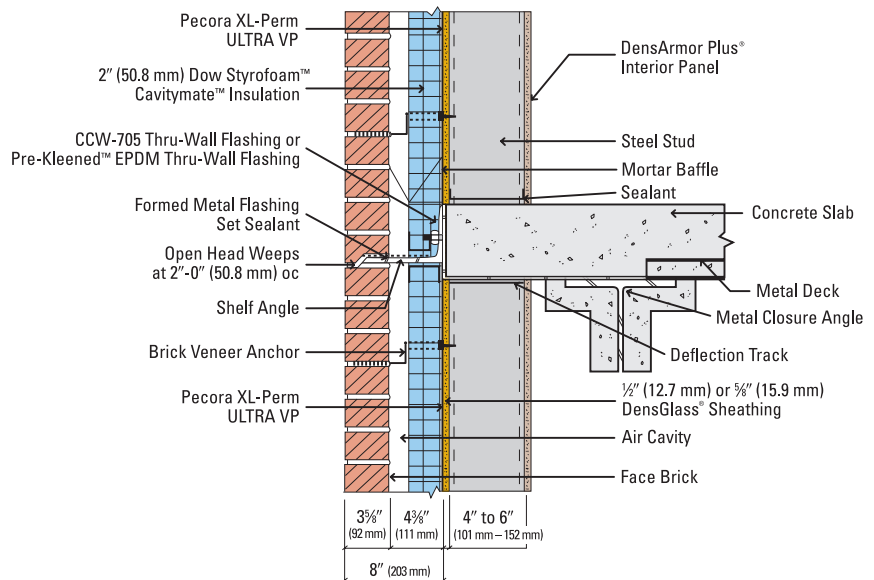
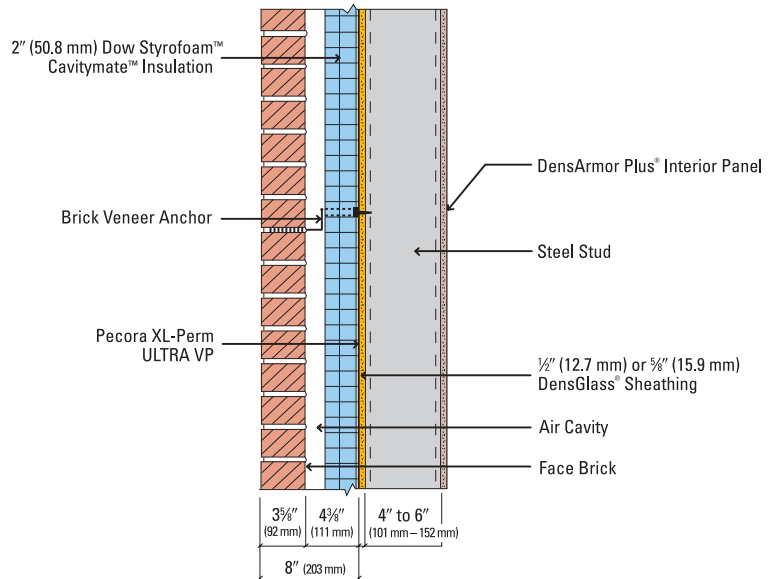
### Sales Information & Order Placement

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 [gpgypsum.com](http://gpgypsum.com). Georgia-Pacific makes no representations or warranties regarding Pecora or any component (including Dow Styrofoam Cavitymate Insulation) other than DensGlass Sheathing and DensArmor Plus interior panels. For additional information concerning Pecora Corporation, please contact Pecora at 215-723-6051 or go to [www.pecora.com](http://www.pecora.com). For additional information concerning Dow Styrofoam Cavitymate Insulation, please contact Dow Chemical at 866-583-2583 or go to [www.dow.com](http://www.dow.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 Pecora Corporation, please contact Pecora at 215-723-6051 or go to [www.pecora.com](http://www.pecora.com). For fire, safety and use information concerning Dow Styrofoam Cavitymate Insulation, please contact Dow Chemical at 866-583-2583 or go to [www.dow.com](http://www.dow.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 Pecora Corporation please contact Pecora at 215-723-6051 or go to [www.pecora.com](http://www.pecora.com). For handling and use information concerning Dow Styrofoam Cavitymate Insulation, please contact Dow Chemical at 866-583-2583 or go to [www.dow.com](http://www.dow.com).

