

DensGlass® Sheathing and Henry 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 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.

Blueskin® SA Self-Adhered Air Barrier Membrane is a 40 mil composite SBS membrane consisting of a high strength blue HDPE film and a polymer modified compound core. A release film on the underside of the membrane is removed prior to application. This membrane is an air barrier¹, a vapor barrier² and a highly effective rain barrier³. A primer is first applied to the DensGlass Sheathing followed by the application of the membrane. Primers are available in both solvent and water based formulations.

Blueskin® TWF is a 40 mil composite SBS membrane featuring a special yellow, high strength HDPE film and special polymer modified compound formulated specifically for thru wall flashing applications.

Air Bloc™ 32 is a one component, seamless elastomeric rubber membrane. It can be applied by spray or trowel. This membrane is an air barrier⁴, a vapor barrier⁵ and a highly effective rain barrier⁶. No priming is required. Air Bloc 32 is used in conjunction with Blueskin SA which is used as a transition sheet at the interface of dissimilar materials.

¹ Air leakage is 0.0001 CFM/ft² @ 75 Pa to ASTM E 283.

² Vapor transmission is 0.05 perms (2.8 ng/Pa.s.m²) to ASTM E 96.

³ Hydrostatic pressure resistance complies with CAN/CGSB-37.58.

⁴ Air leakage is 0.0001 CFM/ft² @ 75 Pa to ASTM E 283.

⁵ Vapor transmission is 0.08 perms (5.0 ng/Pa.s.m²) to ASTM E 96.

⁶ Hydrostatic pressure resistance complies with CAN/CGSB-37.58.

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® 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

Henry Company

Air Barrier Membrane

Blueskin® SA Self-Adhered Air Barrier Membrane
Air Bloc™ 32 Elastomeric Liquid Air Barrier 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 ¹	SMOKE Developed ²	FLAME Spread ²
Gypsum Panels										
DensGlass® Sheathing	x	x						x	0	15
DensArmor Plus® Interior Panel	x	x						x	0	0
Insulation										
Styrofoam™ Cavitymate™ SC			x	x		x				
R-Value ³			5	7.5		10				

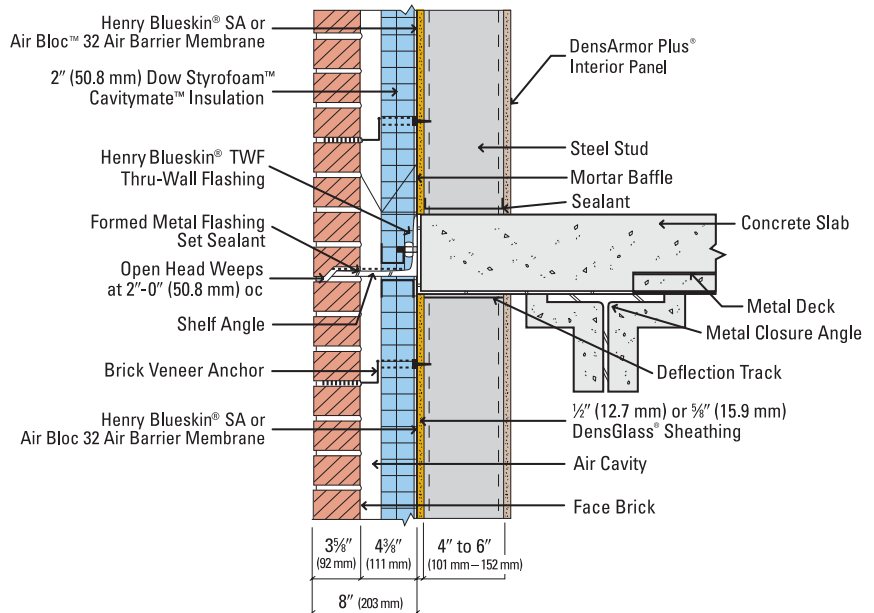
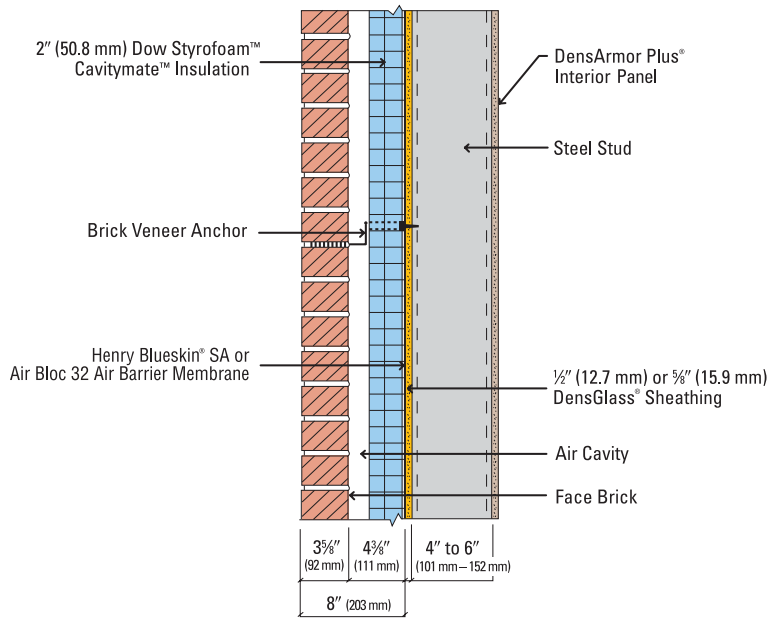
¹ Per ASTM C 1658

² Surface burning characteristics per ASTM E 84

³ Based on DOW's published literature.

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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

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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 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. Georgia-Pacific makes no representations or warranties regarding the Henry Air Barrier Systems or any component (including Dow Styrofoam Cavitymate Insulation) other than DensGlass Sheathing and DensArmor Plus interior panels. For additional information concerning the Henry Air Barrier Systems, please contact Henry® Company at 800-486-1278 or go to www.henry.com. For additional information concerning Dow Styrofoam Cavitymate Insulation, please contact Dow Chemical at 866-583-2583 or go to www.dow.com.

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.

CAUTION: For fire, safety and use information concerning DensGlass Sheathing and DensArmor Plus interior panels, go to www.gp.com/safetyinfo. For fire, safety and use information concerning the Henry Air

Barrier Systems, please contact Henry Company at 800-486-1278 or go to www.henry.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.

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 the Henry Air Barrier Systems, please contact Henry Company at 800-486-1278 or go to www.henry.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.

