

DensGlass™ Exterior Sheathing Henry Air Barrier Systems

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 Drywall

Metal Studs

4" or 6" deep galvanized steel

Exterior Gypsum Sheathing Manufacturer

Georgia-Pacific Gypsum LLC

Exterior Gypsum Sheathing Names

DensGlass™ Exterior Sheathing

Air Barrier Membrane Manufacturer

Henry Company

Air Barrier Membrane Names

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 Descriptions

DensGlass™ Exterior 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 to the elements 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 patented 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® Certified for low chemical emissions 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

Exterior Sheathing followed by the application of the membrane. Primers are available in both solvent and water based formulations.

Air Bloc™ 32 is a one component, seamless elastomeric rubber membrane with low volatile organic content and low odor. 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.

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.

Product	1/2"	5/8"	1"	1.55"	1 3/4"	2"	2 1/8"	Type X	Smoke Developed	Flame Spread
Gypsum Panels										
DensGlass™ Exterior Sheathing	x	x						x	0	0
DensArmor Plus® Interior Drywall	x	x						x	0	0
Insulation										
Styrofoam™ Cavitymate™ SC R-Value			x 5	x 7.5		x 10				

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.

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

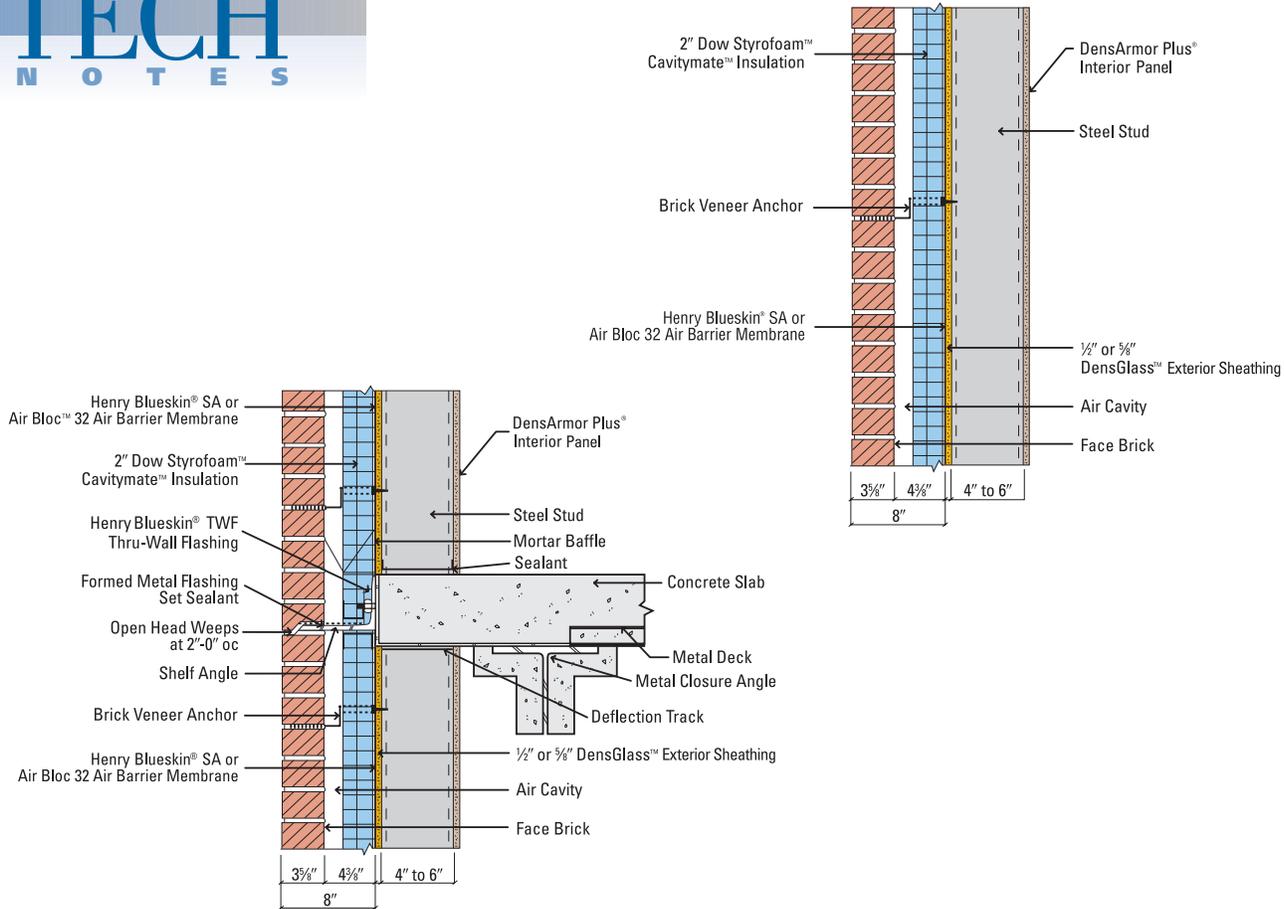
² Vapor transmission is 0.05 perms (2.8 ng/Pa.s.m²) to ASTM E 96.

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.



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.

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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 of a product defect/circumstance giving rise to a claim.

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

HANDLING AND USE

CAUTION: This product contains 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 additional product fire, safety and use information go to 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.