

DensGlass™ Exterior Sheathing Grace Construction Products 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 Panel

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

Grace Construction Products

Air Barrier Membrane

Perm-A-Barrier® Wall Membrane

Perm-A-Barrier® Liquid

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.

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

Perm-A-Barrier® Liquid is a two-component, synthetic rubber, cold-vulcanized fluid applied air and vapor barrier membrane. It cures to form a resilient, monolithic, fully

bonded elastomeric sheet. When installing Perm-A-Barrier Liquid over DensGlass Exterior Sheathing, no surface treatment is required. Perm-A-Barrier Liquid has excellent adhesion to the surface of the DensGlass Exterior Sheathing.

Perm-A-Barrier® Wall Membrane is a tough, self-adhering, self-sealing waterproofing membrane for air and vapor barrier applications. Consisting of 36 mils of rubberized asphalt integrally bonded to a 4 mil high-density cross laminated polyethylene film, Perm-A-Barrier Wall Membrane is an impermeable air, vapor and water barrier. When installing Perm-A-Barrier Wall Membrane over DensGlass Exterior Sheathing, the surface of the sheathing must first be primed with Perm-A-Barrier WB Primer. Perm-A-Barrier WB Primer is a water-based primer, which imparts an aggressive, high-tack finish on the glass mat substrate of the sheathing.

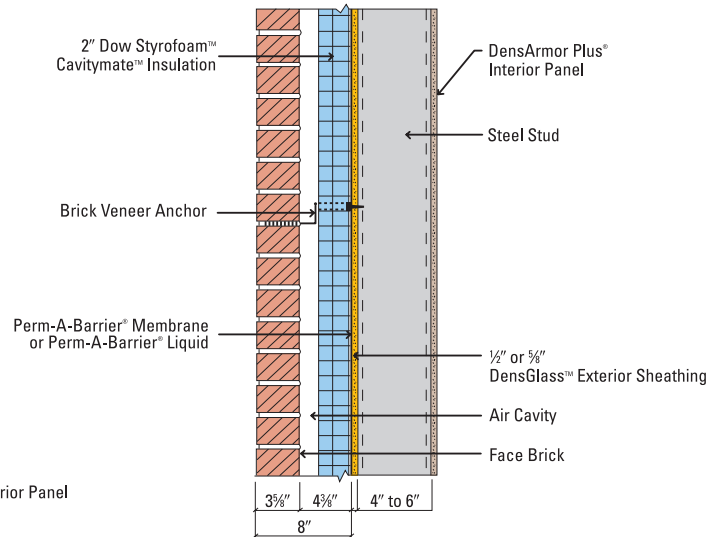
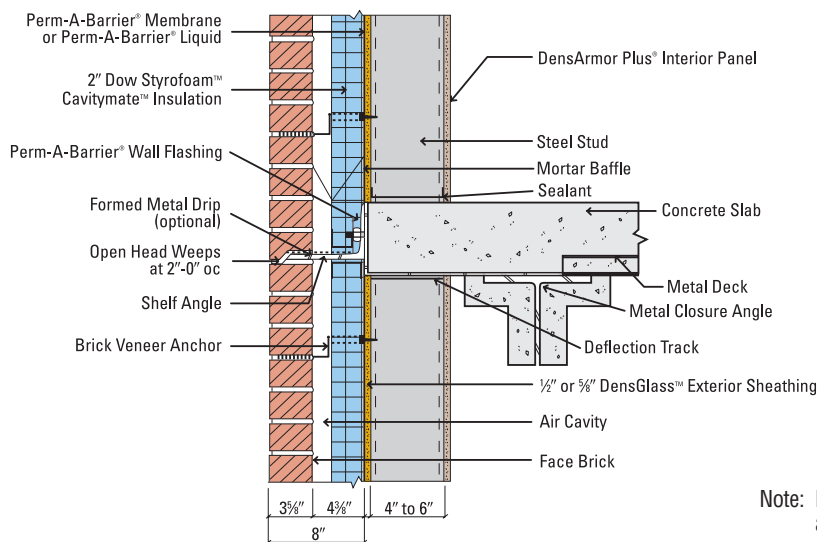
Perm-A-Barrier® Wall Flashing is a tough, self-adhering, self-sealing waterproof through-wall flashing for cavity wall applications. Consisting of 32 mils of rubberized asphalt integrally bonded to an 8 mil high-density cross-laminated polyethylene film, Perm-A-Barrier Wall Flashing is designed to be strong and thick enough to resist punctures and tears in through-wall applications.

continued

* Tested, as manufactured, per ASTM D 3273.

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 Panel	x	x						x	0	0
Insulation										
Styrofoam™ Cavitymate™ SC			x	x		x				
R-Value			5	7.5		10				

When installing Perm-A-Barrier Wall Flashing over DensGlass Exterior Sheathing, the surface of the sheathing must first be primed with Perm-A-Barrier WB Primer. Perm-A-Barrier WB Primer is a water-based primer, which imparts an aggressive, high-tack finish on the glass mat substrate of the sheathing.



Note: Perm-A-Barrier® WB Primer is required for application of membrane to DensGlass™



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.