

## DENSGLOSS® SHEATHING AND TREMCO AIR BARRIER SYSTEMS

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### PRODUCT DESCRIPTIONS

#### DENSGLOSS® 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.

#### 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.

#### EXOAIR™ 110/110LT

is a self-adhered, 40 mil thick air and vapor barrier membrane. The membrane consists of 36 mils of self-adhering SBS rubberized asphalt laminated to a 4 mil cross-laminated high-density polyethylene film with a siliconized release liner. The ExoAir 110/110LT membrane is an impermeable air, vapor and water barrier. When adhering ExoAir 110/110LT to the surface of DensGlass Sheathing, it must first be primed. Use ExoAir Primer to ensure a clean, sound surface to receive the membrane.

#### EXOAIR™ 120 FLUID-APPLIED AIR & VAPOR BARRIER MEMBRANE

is a single component, seamless, fully adhered membrane. It is a polymer-modified emulsion and can be applied by spray or roller. ExoAir 120 is an impermeable air, vapor and water barrier. When applying over DensGlass Sheathing, joints in exterior sheathing panels should be treated with compatible Tremco sealants, and no priming is required. ExoAir 120 offers excellent adhesion to the surface of DensGlass panels. ExoAir 120 is used in conjunction with other system components to bridge to adjacent structural building components.

#### EXOAIR™ 220 FLUID-APPLIED VAPOR PERMEABLE AIR BARRIER MEMBRANE

is a single component, seamless, fully adhered membrane. It is a polymer-modified emulsion and designed for spray or roller application. The membrane is also an air and water barrier.

#### EXOAIR™ TWF

is a self-adhered 40 mil (Thru-Wall Flashing) membrane. The membrane consists of 32 mils of self-adhering SBS rubberized asphalt laminated to an 8 mil cross-laminated, high-density polyethylene film with a siliconized release liner. The ExoAir TWF membrane is an impermeable air, vapor and water barrier. When adhering ExoAir TWF to the surface of DensGlass Sheathing, it must first be primed. Use ExoAir Primer to ensure a clean, sound surface to receive the membrane.

#### ADDITIONAL EXOAIR™ AIR BARRIER SYSTEM COMPONENTS

are available, such as Spectrem 1 Silicone Sealant and Proglaze ETA (Engineered Transition Assemblies) 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.

TECH NOTES

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

Tremco Commercial Sealants & Waterproofing

AIR BARRIER MEMBRANE

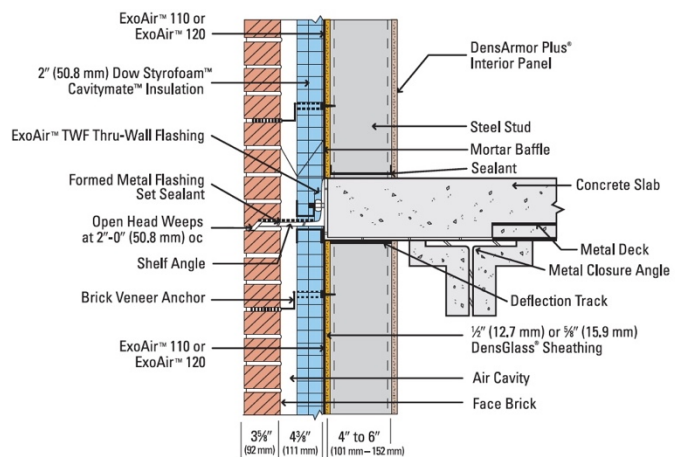
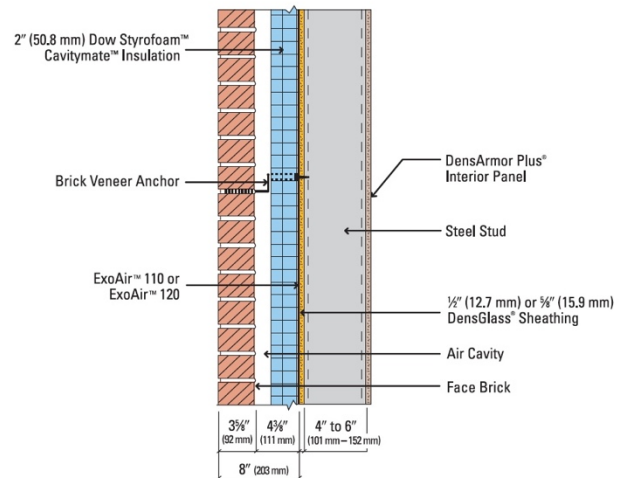
- ExoAir™ 110/110LT Membrane
- ExoAir™ 120 Fluid-Applied AVB Membrane
- ExoAir™ 220 Fluid-Applied
- VP Membrane
- ExoAir™ TWF Membrane

WALL INSULATION MANUFACTURER

Dow Chemical Company

WALL INSULATION NAME

- Styrofoam™
- Cavitymate™ SC



Note: ExoAir™ Primer is required for ExoAir™ 110 Vapor/Air Barrier

Product	1/2" (12.7 mm)	5/8" (15.9 mm)	1" (25.4 mm)	1.55" (39.4 mm)	1 3/4" (44.5 mm)	2" (50.8 mm)	2 1/8" (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 C 1658 <sup>2</sup>

Surface burning characteristics per ASTM E 84

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



## TRADEMARKS

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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.gpgyp-sum.com](http://www.gpgyp-sum.com). Georgia-Pacific makes no representations or warranties regarding Tremco Air Barrier Systems or any component (including Dow Styrofoam Cavitymate Insulation) other than DensGlass Sheathing and DensArmor Plus interior panels. For additional information concerning Tremco Air Barrier Systems, please contact Tremco at 866-209-2404 or go to [www.tremcosealants.com](http://www.tremcosealants.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 DenGlass Sheathing and DensArmor Plus interior panels, go to [www.gp.com/safetyinfo](http://www.gp.com/safetyinfo). For fire, safety and use information concerning Tremco Air Barrier Systems, please contact Tremco at 866-209-2404 or go to [www.tremcosealants.com](http://www.tremcosealants.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 Tremco Air Barrier Systems, please contact Tremco at 866-209-2404 or go to [www.tremcosealants.com](http://www.tremcosealants.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).

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. & Canada: **1-800-225-6119**

[www.gpgypsum.com](http://www.gpgypsum.com)



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