**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 barrier, a vapor barrier and a highly effective rain barrier. 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.

**Air Bloc™ 32** is a one component, seamless elastomeric rubber membrane. It can be applied by spray or trowel. This membrane is an air barrier, a vapor barrier and a highly effective rain barrier. 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.

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**Table:**

<table>
<thead>
<tr>
<th>Gypsum Panels</th>
<th>1/2&quot; (12.7 mm)</th>
<th>5/8&quot; (15.9 mm)</th>
<th>1&quot; (25.4 mm)</th>
<th>1 1/2&quot; (39.4 mm)</th>
<th>2&quot; (50.8 mm)</th>
<th>2 1/2&quot; (64.5 mm)</th>
<th>Type X</th>
<th>SMOKE Developed</th>
<th>FLAME Spread</th>
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<tr>
<td>DensGlass® Sheathing</td>
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<th>Insulation</th>
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<tr>
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</table>

| R-Value² | 5 | 7.5 | 10 |  |

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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.

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**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™ Cavitamate™ SC

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1. Per ASTM C 1658
2. Surface burning characteristics per ASTM E 84
3. Based on DOW’s published literature.
DensGlass® Sheathing and Henry Air Barrier Systems

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.