

## Specifying Wall Assemblies with Fiberglass Mat Moisture-Resistant Gypsum Panels may Reduce Project Delays

Traditional paper-faced gypsum drywall is designed to be installed after a building is enclosed. The panels can lose their integrity and can provide a potential food source for mold growth when exposed to moisture. On high-rise commercial projects, many gypsum assemblies such as shafts, stairwells and tops are installed first so that other trades can begin their work. By installing moisture-resistant fiberglass mat gypsum panels in the tops of walls or pre-rock areas, other trades can begin work earlier which can greatly benefit construction schedules.

DensArmor Plus® High-Performance Interior Panels and DensGlass® Shaftliner panels from Georgia-Pacific Gypsum are designed with fiberglass mats and moisture-resistant cores, and have limited weather exposure warranties\* against in-place damage due to exposure to normal weather during construction. When schedules require gypsum assemblies to be exposed to rain and weather, architects should specify products that will perform both in the short term (during construction) and in the long term (after construction is completed). By using fiberglass mat, moisture-resistant gypsum products, contractors can install these systems earlier, thereby minimizing delays associated with repairing paper-faced panels exposed to weather during construction.

Architects can now specify high performance products by indicating on drawings that DensArmor Plus panels and DensGlass Shaftliner should be installed in areas where moisture is a concern. Costly rip out and even more costly delays due to weather exposure during construction can be greatly reduced by choosing products on performance rather than cost alone. Products that remove paper facers from gypsum panels where moisture may be encountered are solving problems in modern commercial construction today. Specifying fiberglass mat panels for interior walls and exterior core walls can offer constructors short-term scheduling benefits and owners long-term removal of a potential food source for mold growth.

Examples of language to include in the specifying document are below:

For insertion into SECTION 09250/092900-  
GYPSUM BOARD

### Quality Assurance

A. Moisture- and Mold-Resistant Assemblies: Provide and install moisture- and mold-resistant fiberglass mat gypsum wallboard products and moisture-resistant surfaces complying with ASTM C 1658 and applicable sections of ASTM C 1177 where indicated on Drawings and in all locations which might be subject to moisture exposure during construction.

### Part 1—Products—Interior Gypsum Board

A. Type X per ASTM C 1658

1. Basis-of-Design Product: Georgia-Pacific Gypsum; DensArmor Plus® Fireguard® Panels.



Continued on reverse

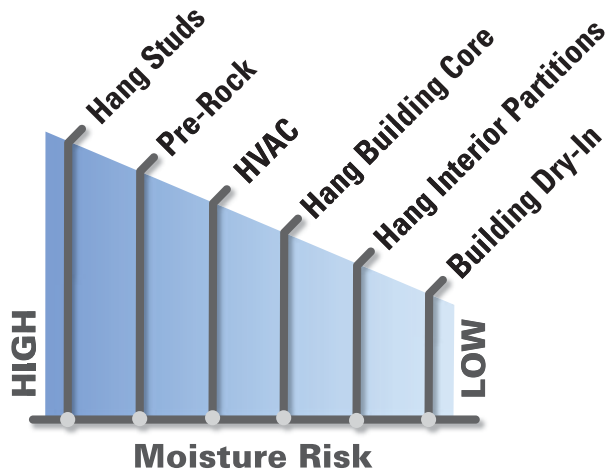
Three-part Guide Specification and MASTERSPEC documents for fiberglass mat Georgia-Pacific Gypsum products can be found at [www.gpgypsum.com](http://www.gpgypsum.com) or contact your local Georgia-Pacific Gypsum sales representative.

**Limited Warranties**

DensArmor Plus® High-Performance Interior Panels and DensGlass® Shaftliner Panels are based on proven and patented fiberglass mat technology, which has a lengthy history of performance. Georgia-Pacific Gypsum backs these products with exposure warranties.

- DensArmor Plus—12-month weather exposure limited warranty
- DensGlass Shaftliner—12-month weather exposure limited warranty

For complete handling and warranty details, and installation instructions, visit [www.gpgypsum.com](http://www.gpgypsum.com) or call 1-800-225-6119.



Paper-faced gypsum is often exposed to moisture risk during the construction cycle.

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



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**WARRANTIES, REMEDIES AND TERMS OF SALE**

For current warranty information for this product, please go to [www.gpgypsum.com](http://www.gpgypsum.com) and select the product for warranty information. All sales of this product by Georgia-Pacific are subject to our Terms of Sale available at [www.gpgypsum.com](http://www.gpgypsum.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 product fire, safety and use information, go to [www.gp.com/safetyinfo](http://www.gp.com/safetyinfo) or call 1-800-225-6119.

**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.

**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.

