



National Center for Civil and Human Rights Museum

Atlanta, Georgia

Design Architect
The Freelon Group

Architect of Record
HOK

General Contractors
RMH (Russell, Moody, Holder)

Drywall Subcontractor
Principle Partners



New National Center for Civil and Human Rights Museum Relies on Materials from Georgia-Pacific

Part of the allure of the new National Center for Civil and Human Rights Museum in downtown Atlanta is its distinctive design.

The 42,000-square-foot, three-story facility is cradled between two powerful, convex-curved walls, a subtle representation of hands that suggest the spirit of strength, optimism and progress that the Center and its exhibits are designed to convey.

The exteriors of each flowing wall serve as a terra cotta rain screen envelope to ensure energy-efficiency and sustainability of the Center, but they will also hold creative panels that symbolize the people throughout the South and the world who have led great movements for social progress.

Thus, the walls bear pragmatic and cultural importance. So when specifying building materials, design architect The Freelon Group, and architect of record HOK knew that one exterior sheathing material was perfect for the critical job of protecting it — DensGlass® Sheathing from Georgia-Pacific Gypsum.

“Dens products are always at the top of our list (for specification), and we really needed them for this project,” said Michael Katzin, vice president for architecture, senior project manager and principle at HOK Atlanta. “We needed a product with the dimensional stability and flexibility to work with compound curves, and DensGlass was the natural choice.”

The #1 architecturally specified fiberglass mat gypsum sheathing for nearly three decades, DensGlass Sheathing — recognized by its distinctive GOLD color — is built to stay strong and provide superior moisture and mold resistance. The latter factors were particularly important for the Center, as they hastened the construction schedule, meaning that interior and exterior work could be done simultaneously.

continued



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MICHAEL KATZIN

“From our experience, we knew that DensGlass would provide the needed stability,” noted Katzin.

Because its fiberglass mats are embedded in the surface of the panel to make an integrated unit that offers superb strength, DensGlass® Sheathing provides outstanding resistance to delamination, deterioration, warping and job site damage. Its flexural strength is approximately the same in both directions, meaning it can be installed either vertically or horizontally without sacrificing wall strength between studs. DensGlass panels also protect and help stabilize structural framing — an important consideration for the curved walls of the Center.

DensGlass Sheathing provides a rigid substrate for a wide variety of air or water-resistant barrier systems, and for the Center protects its phenolic resin architectural panels and rain screen assembly featuring mineral fiber insulation and cold-rolled metal framing.

When tested, as manufactured, in accordance with ASTM D3273, DensGlass Sheathing (and other Dens® Brand panels) has scored a 10, the highest level of performance for mold resistance under the ASTM D3273 test method. Additionally, DensGlass Sheathing offers a 12-month weather exposure limited warranty.

Strength in Numbers

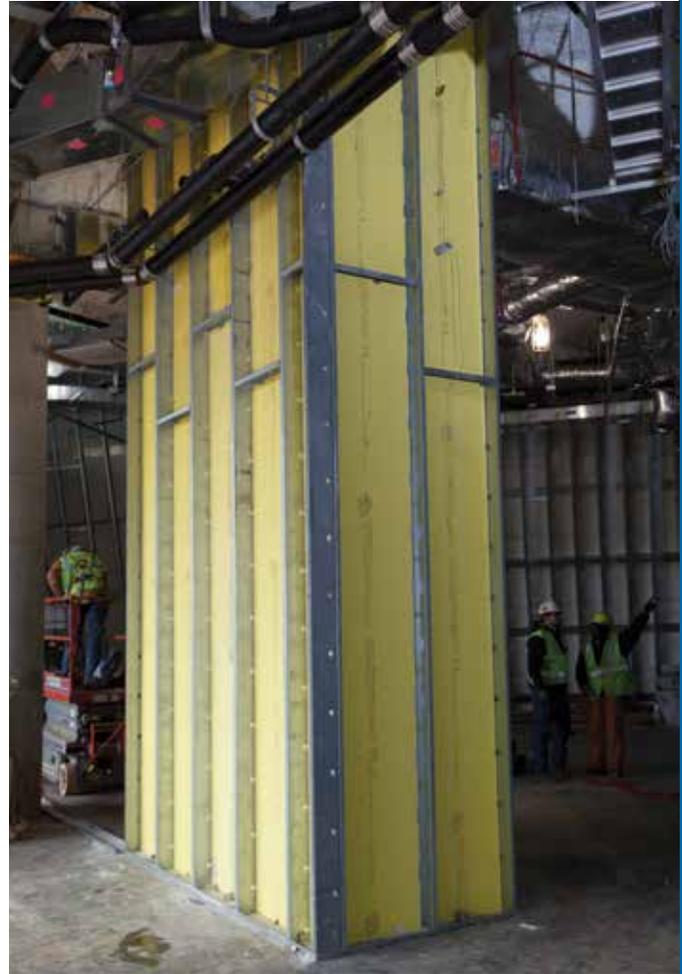
Georgia-Pacific’s involvement in the National Center for Civil and Human Rights Museum extends beyond building products. The Georgia-Pacific Foundation is a community partner of the museum and has contributed approximately \$1 million dollars in cash and in-kind product donations.

In addition to DensGlass® Sheathing, products include:

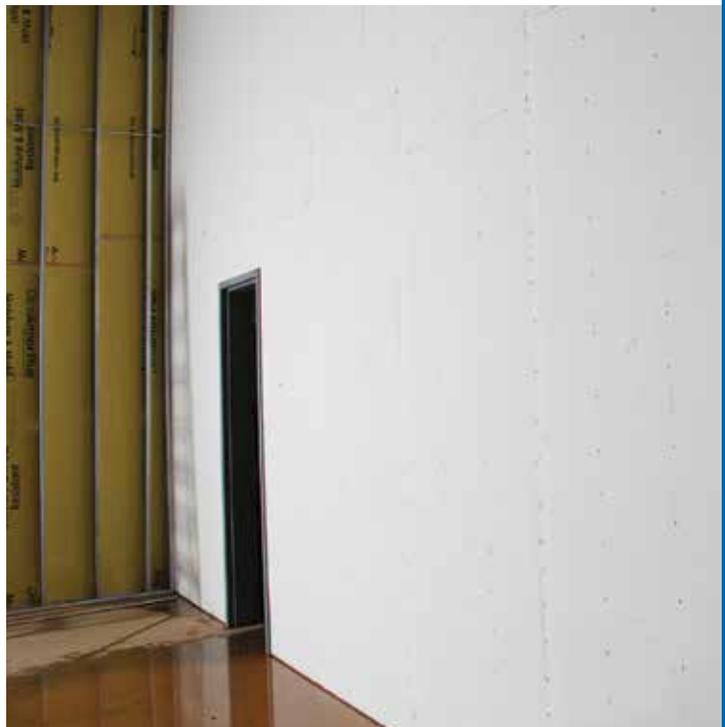
- DensGlass® Shaftliner, ideal for use in moisture-prone vertical and horizontal shaftwall assemblies, stairwell applications and mechanical areas;
- DensArmor Plus® Interior Panels, an interior wallboard perfect for commercial pre-rock (before dry-in) installations;
- DensShield® Tile Backer, perfect for wet areas behind tile due to its built-in acrylic surface. Lightweight and easier to handle than cement board; and
- DensDeck® Roof Boards, used as a thermal barrier and cover board for virtually any type commercial roof.

The museum also is using ToughRock® Gypsum Boards for interior walls.

According to Katzin, "Very little about this project's design is standard. That is another reason why we wanted to go with durable, time-tested, Georgia-Pacific Gypsum products that we knew would be reliable in any situation."



The National Center for Civil and Human Rights Museum – scheduled to open spring 2014, in downtown Atlanta – will be a world class cultural institution dedicated to exploring stories of civil and human rights in dynamic indoor and outdoor spaces.



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Technical Information

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