



Cobo Center

Detroit, Michigan

Roofing Contractor
Schreiber Corporation



Cobo Center Roofers Praise Ease-of-Use Enhancements of DensDeck® Prime

For years, Rich Gagnon of Schreiber Corporation has regularly chosen Georgia-Pacific Gypsum's DensDeck® Roof Boards for his firm's numerous commercial roofing projects.

For more than 25 years, the high performance qualities of DensDeck roof boards—including superior fire resistance, strength and dimensional stability in hot and cold weather—have made them one of the most specified or recommended roof boards in the industry.

So Gagnon knew that versatile DensDeck® Prime cover boards were the best choice for the massive, 200,000-square-foot reroof of the iconic Cobo Center in downtown Detroit, a key element in the \$229 million Phase 3 renovation of the convention and exhibition center that hosts the North American International Auto Show and numerous other events.

He didn't know how good, though, until after installation began.

"The foreman came up to me and thanked me for ordering the different DensDeck Prime," noted Gagnon, a 43-year veteran of the roofing industry. "He said it scored and snapped better, was smoother, took less adhesive and the sheets laid down tighter."

The Cobo Center roof installers benefited from several recent enhancements to DensDeck Prime, which offers broader-than-ever compatibility and higher performance with roofing adhesives. Enhanced fiberglass mats help achieve more uniform application and better bonding with the roofing membrane; usually, this means less adhesive is needed, resulting in significant cost and time savings for a large job like Cobo.

Also, the board's face mat now overlaps on the backside of the board so membranes lie more uniformly over the top, further reducing the amount of adhesive used. Coupled with the fact that the boards are now easier to handle, score and cut, roofing installers – like Schreiber's foreman – are singing its praises.

"It's a good, tough product," said Gagnon, a senior project manager at Schreiber, of DensDeck Prime. "And everything lays out really well, really smooth, on the roof."

As the Cobo Center project confirmed, the recently-enhanced DensDeck Prime roof boards have new features that make them one of the most innovative and versatile products on the market for low slope roofing systems. It also is the first roof board in the industry to offer a 90-day exposure limited warranty for vertical application on parapet walls (1/2" and 5/8" DensDeck Prime only).

continued

Great Performance and Aesthetics

DensDeck® roof boards are the ideal substrate and cover boards for innovative, energy-efficient roofing technology, including solar, green and cool commercial roofing systems. The versatility of DensDeck panels means they integrate easily into numerous roofing systems, including the Cobo Center project. In addition, a rigid cover board protects the insulation in the system so well that it's possible to reuse it when retrofitting the roof.

The 200,000-square-foot roof of Cobo Center has required 400,000 square feet of DensDeck® Prime, as two layers of the product are used in the roofing assembly. After removing the previous "tar and gravel" built-up roof (BUR) membrane, the Schreiber team installed a new, white roof assembly in the following sequence:

- 5/8" DensDeck Prime, in 4 x 8-foot sheets, was mechanically applied to the Type B roofing deck as a thermal barrier
- A Firestone V-Force® Vapor Barrier Membrane, which was set in V-Force SB Primer
- Two layers of 2 1/2" polyisocyanurate insulation
- A cover board layer of 5/8" DensDeck Prime, in 4 x 4-foot sheets, adhered – as was the ISO insulation – with Firestone I.S.O. Stick™ insulation adhesive
- A layer of single ply, .080 UltraPly® thermoplastic polyolefin (TPO) single-ply roofing membrane.

Besides the performance qualities of the DensDeck Prime-featured assembly, Gagnon commended it for its aesthetic value too, as the new system "looks as awesome as it performs. You know, it's hard to keep a white roof white, but this one is great."

Thanks to the aforementioned dimensional stability qualities and other time-tested features of DensDeck products, Gagnon said that Schreiber chooses DensDeck boards for about nine out of every 10 jobs. Now, though, with the added ease-of-use and adhesive-reducing attributes, Gagnon and his team are even stronger advocates for the product line.

"When you've got a product that the architects specify, the owners appreciate and the installers rave about, it's a winner all around. That's what DensDeck is bringing to Cobo and other roofing projects."

For more information about DensDeck Prime, visit www.DensDeck.com.

For more information about the Cobo Center renovation project, visit www.cobocenter.com/about_us/renovation_update.

U.S.A. – Georgia-Pacific Gypsum LLC
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Sales Information & Order Placement

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CAUTION For product fire, safety and use information, go to www.buildgp.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.

