

BUILDING DESIGN[®]

WHERE
TECHNOLOGY
AND INNOVATION
COLLIDE

JANUARY/FEBRUARY 2021

+ CONSTRUCTION

HEALTHCARE DESIGN, POST-COVID-19

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VIRTUA SAMSON CANCER
CENTER, MOORESTOWN, N.J.



WALL PANELS, GLASS, FAUCETS, AND MORE



Georgia-Pacific Building Products' new DensDeck StormX Prime Roof Board is the market's first gypsum roof coverboard developed specifically to help commercial rooftops withstand impacts and punctures caused by severe hail conditions. The patent-pending roof board meets the performance testing requirements of FM Global's Very Severe Hail Standard. Testing involved launching two-inch-diameter ice balls at 152–160 feet per second at the roof board. U.S. states within FM Global's Very Severe Hail zone are Arkansas, Colorado, Iowa, Kansas, Minnesota, Missouri, Montana, Nebraska, New Mexico, North Dakota, South Dakota, Oklahoma, Texas, and Wyoming.

CIRCLE NO. 862



For design teams desiring a crisp, neutrally reflective silver-blue aesthetic for their building exterior glass installations, **Vitro Architectural Glass** offers its newly released Solarban R77 solar control, low-e glass. According to the maker, the glass is designed to fill a specific niche, providing a "pleasant exterior-transmitted color that is more subtle than that of Solarban R100 glass, yet more pronounced than the quietly reflective appearance of Solarban 67 glass." Solarban R77 has a solar heat gain coefficient (SHGC) of 0.25 in a clear one-inch insulating glass unit. It offers visible light transmittance (VLT) of 47% in the same configuration, providing clear exterior views and illuminating interiors with soft, natural, neutral daylighting. Exterior reflectance is just 25%.

CIRCLE NO. 861



Norwegian exterior wall panel manufacturer **Steni** now offers its Steni Vision line of panels to the U.S. market. The panels are made of stone composite and can be used for both exterior and interior walls in commercial, institutional, and industrial building projects. Architects and designers can incorporate custom graphics printed directly onto the panels. Steni offers 14 standard designs and three gloss variations. Steni Vision panels require minimal maintenance and have a 60-year functional warranty, according to the maker.

CIRCLE NO. 864



Soprema's new SOPRA-XPS extruded polystyrene thermal insulation panels feature high compressive strength and consistent long-term R-value (5 per inch),

making them suitable for a range of applications: inverted roofing membrane assemblies, foundations, walls, and civil engineering projects. The Greenguard Gold-certified panels are produced without HFC-134a gas as a blowing agent, meaning they will have no effect on the ozone depletion potential and a much lower global warming potential (GWP), says the maker.

CIRCLE NO. 860