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ProMat Booth S2452

New MetaGard® Finish for ResinDek® Mezzanine Flooring Delivers Iron clad Resistance to Abusive Environments

Cincinnati, OH February 27, 2019

Cornerstone Specialty Wood Products, LLC® (www.resindek.com) will debut its newest and most durable finish option for its ResinDek® elevated flooring solution—MetaGard®—in Booth S2452 during MHI-sponsored ProMat in Chicago’s McCormick Place, April 8-11, 2019. Offered in both galvanized and stainless steel, the patent pending MetaGard finish can be applied to all ResinDek panels, which are designed and engineered specifically for mezzanines, industrial work platforms and pick modules.

“We were challenged by a customer to develop a surface ‘as strong as steel’ that could deliver iron clad resistance to the harshest, most abusive environments,” explained Greg Doppler, Founder and President of Cornerstone Specialty Wood Products. “These include areas of extremely high traffic whose floors aren’t regularly cleaned, and those utilizing autonomous vehicles.”

The resulting MetaGard steel finish can be applied to the full range of ResinDek products—including LD, SD, MD, HD , MAX and Xspan lines that handle pallet jack load limits from 2,000 to 8,000 pounds—in panel sizes up to 4 x 8 feet. The MetaGard steel is fused to the selected ResinDek panel with a proprietary bonding agent. To prevent sharp edges that could cut or snag, as well as providing further protection against delamination, the steel surface is wrapped securely around the perimeter of each panel.

Hard-wearing and slip-resistant, MetaGard’s electrostatic dissipative (ESD) properties protect sensitive equipment. Further, the finish delivers an even more robust surface than concrete. In testing, it’s been shown to be five times more abrasion resistant than concrete in heavily trafficked areas where dirt and debris are not routinely removed, such as 24/7 operations, drop zones, or where heavy loads are dragged across the floor. In addition, the steel surface bonded to the very dense structural surface of the ResinDek panels makes the ResinDek with MetaGard panels extremely resistant to gouges and scratches. Yet, unlike concrete, it does not crack, produce dust or require sealing. Additionally—like all ResinDek panels—those with the MetaGard finish are lighter than concrete, making them faster, easier and less expensive to install.

“In both pilot installations and testing the MetaGard surface has been proven to withstand more than 2 million passes by autonomous mobile robots (AMRs) and automatic guided

vehicles (AGVs) annually,” Doppler continued. “That adds up to more than 20 million passes during Cornerstone Specialty Wood Products standard, 10-year product warranty period.”

Finally, MetaGard is ergonomic, quiet, fire-resistance rated, and less expensive than other metal flooring, including diamond plate and bar grate.

For more information, visit Cornerstone Specialty Wood Products’ ProMat 2019 exhibit in Booth S2452, or visit www.resindek.com.

ABOUT CORNERSTONE SPECIALTY WOOD PRODUCTS, LLC

For more than 20 years, Cornerstone Specialty Wood Products, LLC (www.resindek.com) has been in the forefront of research and development in the field of engineered wood floor panels for the material handling industry. In 1994, Greg Doppler, company founder and president, invented the ResinDek panel, which has become the premier mezzanine flooring panel product sold worldwide today.