



Floor Solutions

Stonhard's Stylized, Seamless Floors Rock Cleveland's Renowned Music Museum

Seamless flooring from Stonhard that stands up to the daily foot traffic of a world-renowned museum.



Products used at Rock and Roll Hall of Fame and Museum:
• Stonres RTZ. • Stonfil OP2

The Rock and Roll Hall of Fame Museum, located in Cleveland, Ohio is known for recognizing and archiving history's most renowned artists, producers and other notable figures in the rock and roll music industry. This 150,000 sq.ft. museum opened its doors in 1995, and is home to the memorabilia of musicians such as Elvis Presley, Aretha Franklin and Bruce Springsteen.

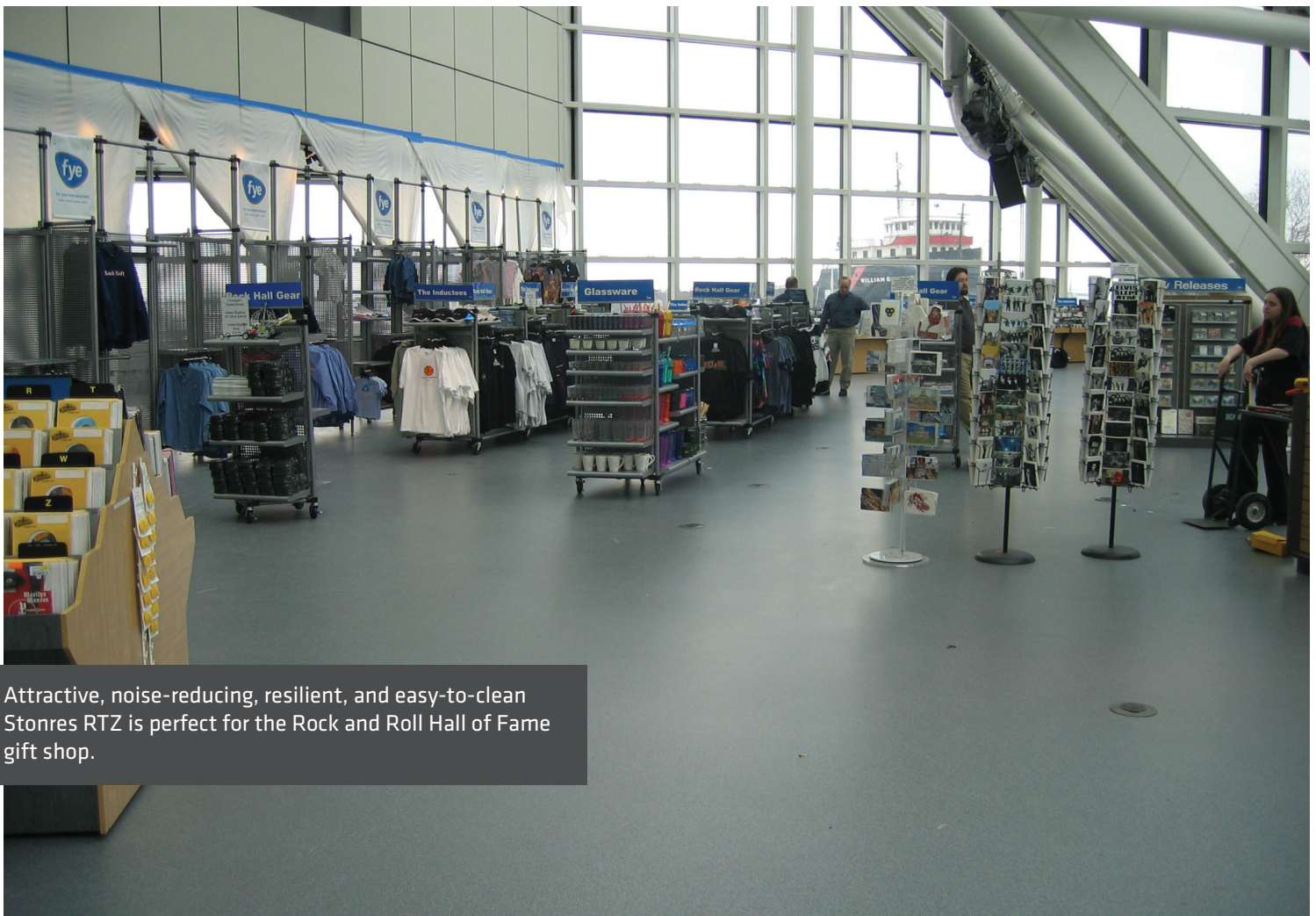
When I.M Pei, the architect behind this contemporary and sculptural-styled museum, was asked about his vision for the Rock and Roll Hall of Fame, he said: "In designing the building, it was my intention to echo the energy of rock and roll. I have consciously used an architectural vocabulary that is bold and new."

Finding the Right Floor

When the design team considered what type of flooring to use in this modern structure, it was determined early on that it would have to match the vision set out by Pei. However the floors would need to be easy to clean, impact resistant and sound reducing.

The museum's floors were originally made of rubber tile – but after ten years of extensive daily wear and tear, along with the damp waterfront location of the facility, the floors were in a dilapidated condition. Moisture had caused the tiles to peel away and delaminate, and the overall appearance was worn and weathered. Furthermore, the maintenance staff faced a significant cleaning challenge because of the dirt and moisture trapped between the tiles. The team added to their list of criteria a flooring system that would address hydrostatic and osmotic problems.

Stonhard, manufacturer and installer of seamless floors, recommended Stonres RTZ, a 3/16 inch/5mm seamless, urethane system infused with urethane aggregate chips to provide exceptional acoustic efficiency and ergonomic comfort, all while remaining wear and stain resistant. Additionally, Stonres RTZ would complement the dramatic design scheme of the museum through multi-colored aggregate and intricate patterns offered in a plethora of custom choices.



Attractive, noise-reducing, resilient, and easy-to-clean Stonres RTZ is perfect for the Rock and Roll Hall of Fame gift shop.

A Quality Installation with Minimal Disruption

The installation process, performed by Stonhard's own installation teams, involved prepping the substrate by removing the existing rubber tile and concrete. All of this work was accomplished by marking off small areas and completing the job in several stages, so the museum could stay open to the public. Working in stages not only ensured proper cure times but also made the process invisible to museum staff, visitors and other trades completing work.

To prepare for the application, the installation team removed the existing tiles, stripped the substrate of all the dirt, grease and oils and flattened it to a smooth, dry surface using concrete blasting equipment, sanders and grinders. Before the Stonres RTZ was laid out, Stonfil OP2, a cementitious, osmotic pressure-resistant grout was applied to permanently seal the concrete and protect against moisture. Finally, Stonres RTZ was applied, requiring a short 48-hour time period before cleaning was allowed.

Performance & Results

As you work your way through the Rock and Roll Hall of Fame Museum, you will enjoy and admire not only the memorabilia in front of you, but the look and feel of the Stonhard floor underneath.

Stonres RTZ successfully met the needs of this unique museum by providing floors with a distinct and contemporary design, long-term wear resistance, comfort underfoot, sound reduction, easy maintenance, and protection against damp conditions. This smooth, seamless surface fully met the expectations for expressive style and functionality.

The Stonhard Difference

Stonhard is the unprecedented world leader in manufacturing and installing high-performance polymer floor, wall and lining systems. Stonhard maintains 300 Territory Managers and 175 application crews worldwide who will work with you on design specification, project management, final walk through and service after the sale. Stonhard's single-source warranty covers both products and installation.

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