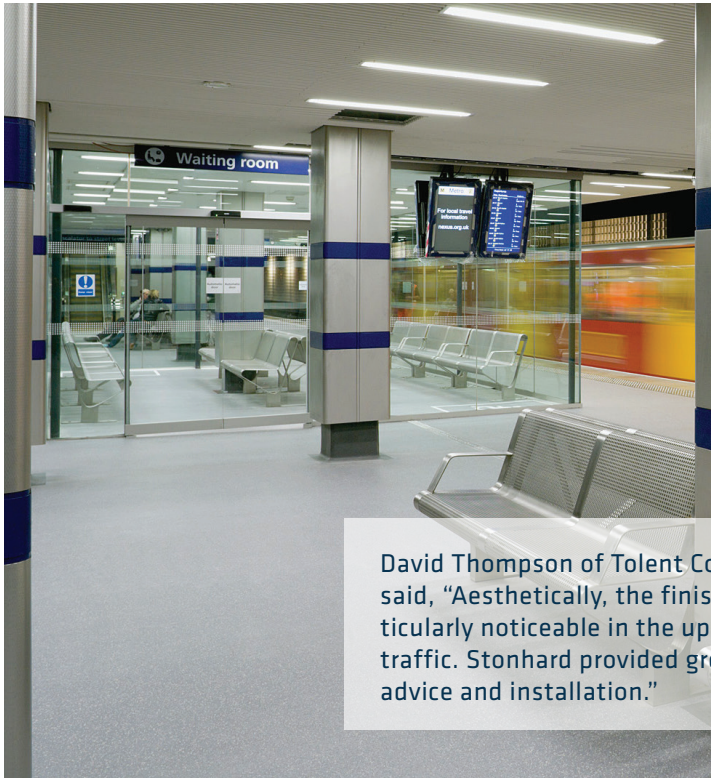


## UK Metro Stations Revitalized with Durable, Sound-Absorbing Stonres RTZ Floors

**Products Used:** Stonclad® GS • Stonres® RTZ

**Application Area:** Platforms and Waiting Areas, Concourse, Retail Areas



David Thompson of Tolent Construction, who worked on the planning side of the project, said, "Aesthetically, the finished floor looks very good, and the acoustic benefits are particularly noticeable in the upper concourse areas where retail areas result in higher foot traffic. Stonhard provided great support, from the original sales discussion to technical advice and installation."

### PROBLEM

Tyne and Wear Metro, a light rail system in Northeast England with 60 stations and over 40 million annual riders, embarked on a \$500 million, nine-year modernization to upgrade stations, infrastructure, and technology due to daily wear and tear on the system's facilities.

In the first phase of the plan, project managers for the Haymarket and Sunderland Metro Stations faced a dilemma: either replace the existing noisy, slippery and damaged terrazzo tiles at great cost; or install a new floor overtop, limiting product selection.

### SOLUTION

Stonhard presented Stonres RTZ, a seamless, urethane-based, ergonomic, sound-reducing, long-wearing, and stain-resistant floor system. Planners were especially impressed with the floor's ability to easily be installed over the terrazzo.

Despite winter cold, lack of on-site storage, and tight time constraints around public timetables, Stonhard crews successfully installed 7,500 sq. ft. of flooring. Temporary tents were used to prepare resin materials at the proper temperature, transported via nightly rail deliveries, with the railway sector monitoring for health and safety compliance.

### DESIGN ELEMENTS

Resilient formulation  
Decorative resin chips

### OUR CERTIFICATIONS & MEMBERSHIPS

Stonhard is committed to sustainability and transparency. We are proud members of the U.S. Green Building Council, a member of the Manufacturer Advisory Panel for the HPD Collaborative, and our products are listed with mindful MATERIALS (mM).

### THE STONHARD DIFFERENCE

Stonhard is the unprecedented world leader in manufacturing and installing high-performance seamless, resinous floor, wall, and lining systems. With more than a century of experience, Stonhard provides its customers with a single-source warranty covering both products and installation.

