

Stonhard Delivers High-Performance Floor Solution for Skincare Manufacturer

Products Used: Stonclad® UT • Stonclad® UR • Stonproof® ME7
• Stonproof® RH7 • Stonkote® HT4 • Stonset® TG6
Application Area: Production room



PROBLEM

When a global skincare company required a hygienic, chemical-resistant, waterproof flooring solution to support its UK-based manufacturing facility, it turned to Stonhard. Integral to the project was the stipulation that the floor should not surpass the maximum allowable weight of 20 metric tons.

SOLUTION

Stonhard installers began removing the weak, de-bonded sand and cement layer. This was followed by the fitting of stainless-steel trenches through the concrete planks in strategic places to allow for drainage. Two Stonhard waterproof and crack-bridging urethane membranes, Stonproof ME7 and Stonproof RH7, were recommended for the trenches and steel rafts.

The surface was installed to manage drainage with a sloping design, utilizing a polymer grout with an extra layer of the urethane membrane with fiberglass engineering material. Finally, more than 1,000 sq. ft. of Stonclad UR and Stonclad UT seamless, high-performance flooring was installed to provide a durable and long-lasting surface. Stonclad UR was also used to create floor covers to protect against chemical spills and splashes.

DESIGN ELEMENTS

Textured polyurethane mortar flooring system in Teal Blue
Urethane waterproofing membrane and fiberglass engineering fabric

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). Stonhard carries an ISO 9001 quality system certification. In Europe, we hold an ISO 45001 Health & Safety certificate.

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.

