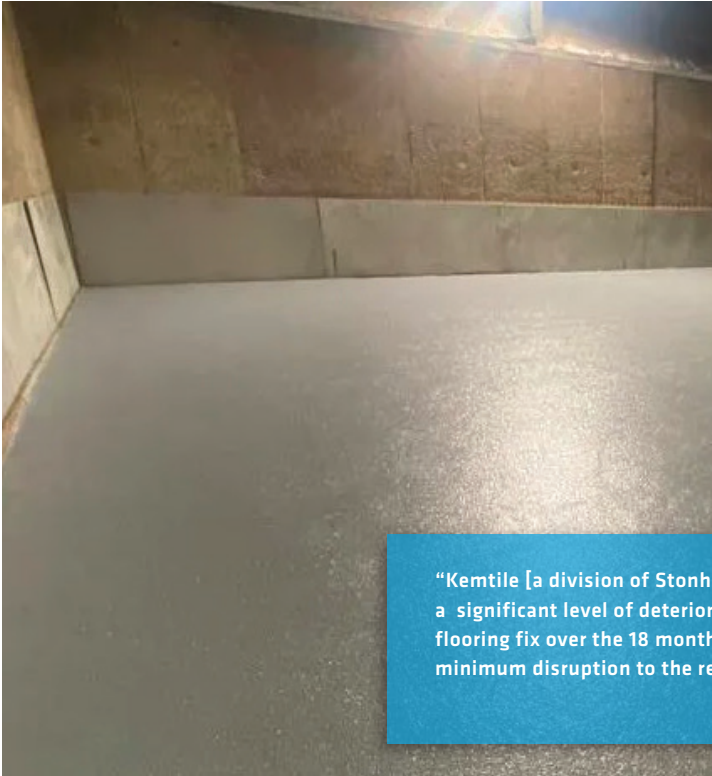
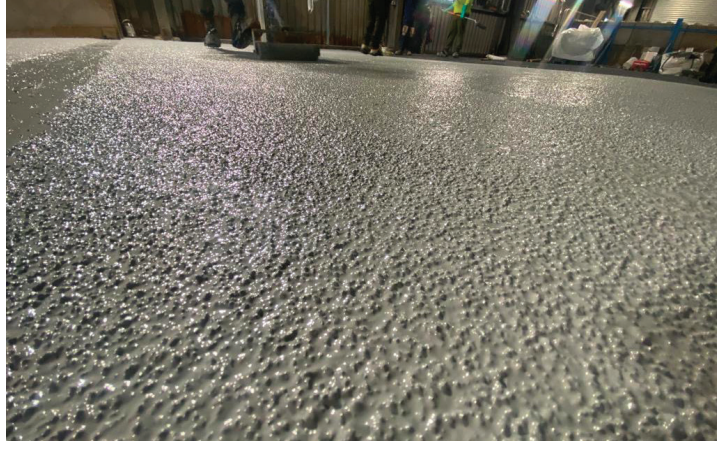


Stonhard Provides Hard-Wearing Solution for UK Water Treatment Plant

Products Used: Stonclad® UT • Stonchem®601

Application Area: Waste Treatment



“Kemtile [a division of Stonhard] brought great expertise to the table from day one, dealing with a significant level of deterioration and providing immediate support, as well as supplying the final flooring fix over the 18 months that we worked together. I commend them on seamless delivery with minimum disruption to the rest of the plant which remained in operation throughout.”

~ Dan Owen, Project Engineer of GENco/Wessex Water Enterprises

PROBLEM

In the United Kingdom, Avonmouth-based Wessex Water serves 2.9 million customers across southwest England. Corrosive elements in the onsite waste had attacked the concrete floor surface, leaving it pitted and uneven. A subsequent overlayment installed to combat the problem had also failed, leaving the floor in need of a proven, long-lasting solution.

SOLUTION

Stonhard visited the Wessex Water site over a period of 18 months to test the existing finishes and structural slab. Stonhard proposed the removal of all existing finishes back down to the structural slab and the installation of a new chemical-resistant flooring system. The project included a new concrete overlay pitched to slope, new surface drainage, and a durable floor finish that would withstand movement from the facility's 25-ton mechanical loader.

Stonhard installed polyurethane Stonclad UT, a high-impact floor that exhibits excellent abrasion, thermal shock, thermal cycling, and chemical-resistant characteristics. The system was further reinforced

with a layer of Stonchem 601, a highly cross-linked novolac epoxy lining system, to enhance its chemical-resistant properties.

DESIGN ELEMENTS

Stonclad UT color: Pewter

Stonchem 601 color: Stonchem Gray

OUR CERTIFICATIONS & MEMBERSHIPS

Stonhard is a member of the U.S. Green Building Council and is on the Manufacturer Advisory Panel for the HPD Collaborative. Stonhard carries an ISO 9001 quality system certification.

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.

