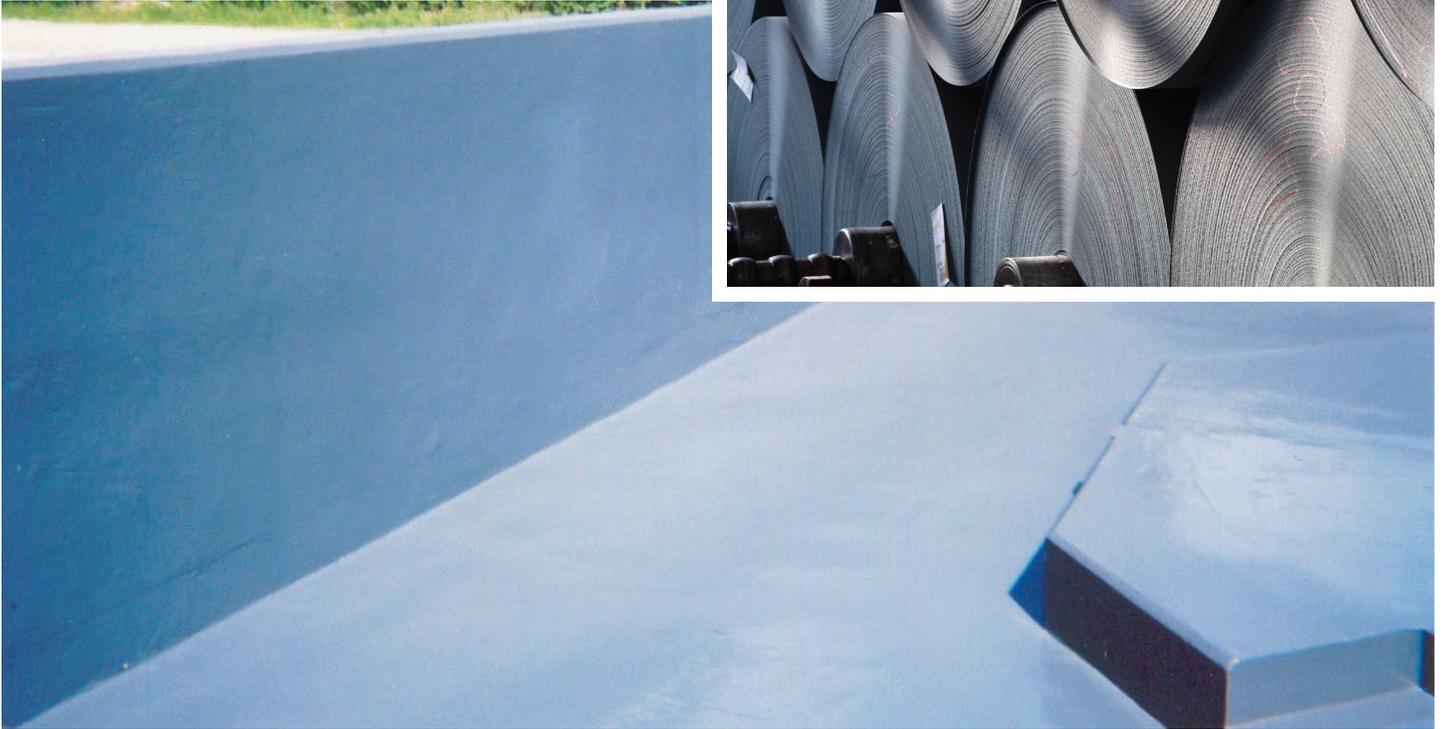


A Complex Set of Criteria is no Match for Stonchem 403

Products Used: Stonchem® 403

Application Area: Containment areas



PROBLEM

On the banks of Canada's Athabasca River lies one of the world's most productive, technologically advanced paper pulp mills. Alberta Pacific Forest Products produces more than a half million tons of pulp each year used to make paper products distributed worldwide.

When new secondary containment areas were proposed for Alberta Pacific, planners knew they needed floors that would be resistant to thermal cycling and corrosive chemicals. The product would also need to withstand extreme seasonal freezing and thawing cycles due to the mill's geographic location. One problem for installers meant having to remedy the many air voids within the freshly poured concrete substrate before any lining could be applied.

SOLUTION

When facility planners discovered Stonhard's Stonchem 403 lining system, they realized that all their needs could be met with this one solution. Stonchem 403 is a high-performance, flexible waterproof lining system that can withstand significant impact and abrasion. Its unique formulation allows for installation in harsh environments like cold and damp areas, and the product's rapid cure rate allows businesses to resume production quickly.

To mitigate the substrate issue, installers used the same Stonchem primer used for surface preparation to fill in the air voids in the concrete. Planners and management at the facility were extremely pleased the Stonhard experience and remarked how Stonchem 403 exceeded their expectations. Additional work was contracted for acid pump trenches, as well as concourses, ramps, retail operations, and restaurants on-site.

DESIGN ELEMENTS

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.

