



**ErgonArmor**<sup>™</sup>

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# CORROSION PROTECTION FOR PULP BLEACH PLANTS



# THE **FIGHT** AGAINST **CORROSION** IS A CONSTANT BATTLE **IN PULP BLEACH PLANTS.**



Strong oxidizers deteriorate concrete and steel, weakening them until they succumb to corrosion.

Raise a strong defense against corrosive attack with ErgonArmor protective linings and construction materials.

- Metal repair putties
- Concrete repair mortars
- Polymer concretes and structural grouts
- Primary and secondary containment linings
- Plastic trench and sump liners
- Brick mortars and tile grouts
- Flexible membranes
- Corrosion resistant coatings



# NOVOCOAT™ SC5400 LINING

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## SPRAY-APPLIED 2-PART 100% SOLIDS NOVOLAC EPOXY LINING

Though particularly well suited for lining black liquor storage tanks, Novocoat SC5400 Tank Lining's resistance to organic acids, caustics and petroleum-based chemicals lends versatility for a variety of demanding primary and secondary containment lining applications. Use it on concrete and steel floors, dikes, ductwork, piping or bulk storage tanks.

- Excellent resistance to a wide range of acids and caustics
- For steel and concrete primary and secondary containment
- Fast return-to-service
- No hazardous VOC emissions
- Suitable for plural or single leg spray application

Novocoat SC5400 Novolac Epoxy Lining offers convenience and flexibility, allowing your choice of plural or single-leg spray to get the job done on your terms. Quick return-to-service keeps clients happy and facilities humming.



# PENNCHEM™ 97 MEMBRANE

## TROWEL-APPLIED 2-PART ELASTOMERIC URETHANE MEMBRANE

With a proven track record of performance in brick-lined chlorine dioxide towers and other pulp bleaching equipment, Pennchem 97 Membrane forms a tough, flexible film that puts up strong resistance to corrosion and abrasion. Use it as a standalone lining for flexible, crack-bridging containment or behind masonry in hot chemical service.

- No hazardous VOC emissions
- Long 45 – 60 minute pot life at 70°F (21°C)
- Tack-free in 5 – 6 hours at 70°F (21°C)
- Stays flexible from -40°F – 160°F (-40°C – 71°C)
- Sag-resistant to 125 mils

Supplied in lightweight, 2-gallon kits, Pennchem 97 Membrane was designed with the applicator's convenience in mind. Part A and B come packaged together in the mixing pail, and there is no measuring involved. It's self-priming on steel and requires no sweat-in time after mixing. The work life offers plenty of time to consume a whole kit, yet the cure time is shorter than comparable products.

# PENNCHEM™ MORTAR

## WHITE 2-PART VINYL ESTER BRICK MORTAR

Formulated with high-performance novolac vinyl ester resin, Pennchem Mortar offers superior resistance to strong alkalis and bleaching chemicals. Use it for setting or pointing acid-resistant brick and structural glazed tile linings in chlorine dioxide bleach towers, tile chests, and spent acid storage tanks.

- Excellent resistance to alkaline and bleaching chemicals.
- User-friendly, lightweight packaging
- Optimized work life, set time for tile equipment construction
- Versatile handling for setting or pointing masonry
- Exceptional shelf stability in cold storage

Save time and money with this exceptionally versatile and easy-to-use mortar. Creamy and easy to trowel, it is a pleasure to use, yet it's stiff enough to stay put under the weight of heavy structural glazed tiles. Pennchem Mortar also sets fast to hold back fresh concrete as it is placed behind structural glazed tiles during construction of tile lined equipment.





# ACROCAST™ POLYMER CONCRETE

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## CASTABLE 3-PART VINYL ESTER POLYMER CONCRETE

Unlike coated Portland cement concrete, Acrocast Polymer Concrete is chemical-resistant through and through, offering superior durability and resilience in highly corrosive alkaline and oxidizing chemical environments. For fast turnaround time, use it to restore deteriorated concrete, from pads, piers, and pedestals to trenches, sumps and floors. To fill irregular voids around rebar behind structural glazed tile, opt for high-flow Polymer Concrete XF Filler.

- Excellent resistance to caustic and bleaching chemicals
- Fast turnaround time for new construction and repairs
- Reliable structural integrity in corrosive service
- Long 45 minute work life at 70°F (21°C)
- Available in standard and high-flow grades

Simplify your project to save time and money with one chemical-resistant castable for a wide range of new construction and retrofit projects. The handling of Acrocast Polymer Concrete can be tailored to your particular requirements. Adjust the filler loading to produce a stiffer or wetter mix, or substitute Polymer Concrete XF Filler for high-flow applications.

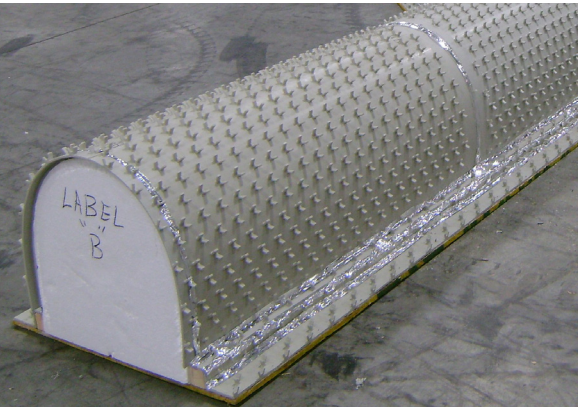
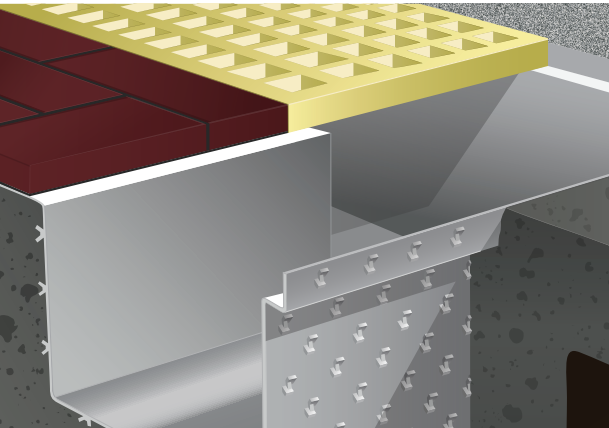
# ACROLINE™ SYSTEMS

## ANCHORED THERMOPLASTIC LINERS

When the clock is ticking, there often isn't time to wait 28 days for Portland cement concrete to cure before applying a coating. Restore and protect concrete structures at the same time with Acroline anchored thermoplastic liners. Custom designed trench and sump liners are fabricated off-site and supplied with casting forms, ready to set and grout. Welded joints provide reliable chemical containment in critical in-ground wastewater collection systems.

- Available in 4 types of plastic to meet service demands
- Fast turnaround time for new construction or retrofit
- Reliable environmental containment
- Custom-sized to fit required dimensions
- Integrally molded anchors securely lock liners into concrete surfaces

The quicker you can knock out the job, the less you have to worry about the weather cooperating. Contact your sales representative for referrals to qualified Acroline Systems fabricators.



## You've built it. Now let ErgonArmor protect it.

We provide advanced surface protection solutions for a diverse range of harsh environments.

With ErgonArmor, you can be assured that our depths and strengths stand behind the solutions we offer. Let us be the manufacturing and technical resource you turn to for answers in protecting and maintaining the investment you have made in your facilities.

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### *Ordering Information*

For additional information, prices or to place an order, please contact your ErgonArmor sales representative. If you do not know the name of your sales representative, call **877-982-7667**.

