



Materials for Protection and Restoration in the PULP & PAPER INDUSTRY

SUBSTRATE REPAIR

Substrate Resurfacer

No. F-121

Single component, high strength, rapid set Portland cement based product for repairing, resurfacing and waterproofing masonry structures. This material will restore structural integrity and prevent water infiltration into concrete and brick structures. It is designed for rotary and straight shot spray applications and can be applied at various thicknesses in one pass.

Hi-Build Filler Compound

No. 209HB

Three-component epoxy material specifically designed to smooth deep concrete surface imperfections and "bugholes" in vertical and overhead concrete structures. No. 209HB provides a smooth finish and appropriate bonding surface for epoxy topcoats. Sauereisen Hi-Build Filler Compound is formulated to minimize sagging which permits thick application of the product where necessary.

ConoCrete - Fast Patch

No. 149

Three-component, fast setting epoxy monolithic that is designed for patching large holes in horizontal concrete surfaces. This material is ideal for use on highways, bridge decks, docks, ramps, traffic aisles, industrial floors and airport runways. Fast Patch No. 149 produces extremely high strengths and is ready for most services in two hours.

COATINGS & LININGS

FibreCrete TL

No. 215

Two component, fiber reinforced, epoxy lining system that is used to protect concrete and steel tanks, ducts, scrubbers and other immersion environments from chemical attack and abrasion. FibreCrete TL 215 is specifically formulated for immersion service for tanks and scrubbers in chemical, power, municipal and food preparation industries.

Fast-Trak Lining Series

Nos. 219 & 441

The Sauereisen Fast-Trak Lining Series is a fiber-reinforced lining system specifically designed to protect concrete, steel or masonry surfaces in the pulp & paper industry. Fast-Trak has the chemical resistance to withstand the bleaches, liquors and other corrosive substances that attack unprotected trenches, sumps and chests in paper mills. Depending on the chemical and temperature environment, Fast-Trak is available in either vinyl ester or novolak epoxy formulations which are used with an appropriate Sauereisen Primer.

Fast-Trak Glaze Series

Nos. 229 & 473

The Sauereisen Fast-Trak Glaze Series is a coating system specifically designed to protect concrete, steel or masonry surfaces in the pulp & paper industry. Fast-Trak has the chemical resistance to withstand bleaches, liquors and other corrosive substances that attack unprotected trenches, sumps and chests in paper mills. Depending on the chemical and temperature environment, Fast-Trak is available in either vinyl ester or novolak epoxy formulations which are used with an appropriate Sauereisen Primer.

SEE REVERSE SIDE

POLYMER CONCRETES

Epoxy NovolaK Polymer Concrete

No. 265

Castable material for the chemical-resistant construction of sumps, dikes, containment areas, trenches, walls, floors and structural support columns or bases. It is specifically formulated for foundation construction and should be installed with proper reinforcement. Mixing and forming methods are similar to those used for Portland cement installations. It can also be used as a monolithic topping to rehabilitate chemically deteriorated concrete. No. 265 is resistant to a wide range of solvents, oils, acids and acid salts over a pH range of 0.0 to 14.0 with a maximum service temperature of 180°F.

Acidproof Concrete - Structural Grade

No. 54SG

No. 54SG is the polymer concrete version of Sauereisen's original No. 54. It is a similar potassium silicate castable refractory for chemical resistant construction. No. 54SG exhibits strong physical properties for foundation grade applications. Sauereisen 54SG has been specifically formulated to exhibit the handling properties of Portland concrete by utilizing typical mixing, forming, and casting methods.

MORTARS, GROUT & SETTING BED FOR TILE REPAIR

Corrosion Resistant Mortar

No. 65

Potassium silicate mortar for bonding acidproof brick or tile used in the construction of industrial chimneys, stacks, tanks, kilns and floors. It is a two-component material, consisting of a Powder and a Liquid which are mixed together on the job. The mortar is applied by trowel in the same manner as ordinary bricklaying. No. 65 is particularly recommended for installations involving sulfuric acid and strong oxidizing solutions. The mortar is highly resistant to the sulfation that may develop in other types of silicate-based mortars when brickwork is subjected to alternate wetting and drying, fluctuation of dewpoint, or acid mist conditions. Sauereisen No. 65 resists most solvents, oils, and acids over a pH range of 0.0 to 7.0.

Vinyl Ester Mortar

No. 400

Used in the construction of floors, sumps, trenches, tanks, vessels and bleach towers in chemical processing; food & beverage plants; dairies; laboratories; textile, steel and pulp & paper mills. No. 400 has excellent resistance to oxidizing bleach solutions, mineral and organic acids, alkaline solutions and some organic solvents. When used with chemical-resistant masonry units and the proper membrane, No. 400 will protect concrete and steel substrates from chemical attack and physical abuse. No. 400 is a silica-filled vinyl ester mortar supplied in two parts - Powder and Liquid - which must be mixed together in the proper proportions prior to use.

Furan Resin Mortar / Grout

No. 21C

Two-component, 100% carbon-filled bonding material for chemical resistant masonry units and quarry tile. No. 21C and chemical-resistant masonry units used with a suitable membrane form a complete system to protect concrete and steel substrates from attack by corrosive chemicals, high temperatures and physical abuse.

Epoxy Setting Bed

No. 26

Used as a bed joint for chemical-resistant masonry units and quarry tile in dairies, breweries, bottling plants, wineries, bakeries, distilleries, food processing plants, commercial kitchens, cafeterias and food handling centers. No. 26 is used in combination with Sauereisen Furan Resin Mortar/Grout for vertical joints on various size tile or brick.