

SOLUTIONS FOR THE PULP AND PAPER INDUSTRY



FAST-TRAK LININGS AND COATINGS

SAUEREISEN

Fast-Trak Linings and Coatings

Corrosive chemicals, hot liquids, abrasion: these all take their toll on tile vessels in your plants. As tough and reliable as the linings in your chests may be, they will ultimately be affected by the extreme environments in which they must perform. This creates an ever-

present threat to vulnerable equipment as well as a challenge to meet demands for continuous high-volume operations. No wonder Sauereisen Fast-Trak Linings and Coatings are becoming the preferred solution for rehab as well as new construction.

Joint Failure

Nothing shuts down a process quite as fast as disbonded tiles. They can cause equipment damage and product contamination. In actuality, the problem is not only with the

tiles, but also with the mortar that secures them in place. Once that mortar begins to fail, regrouting becomes a never-ending and costly exercise in futility.

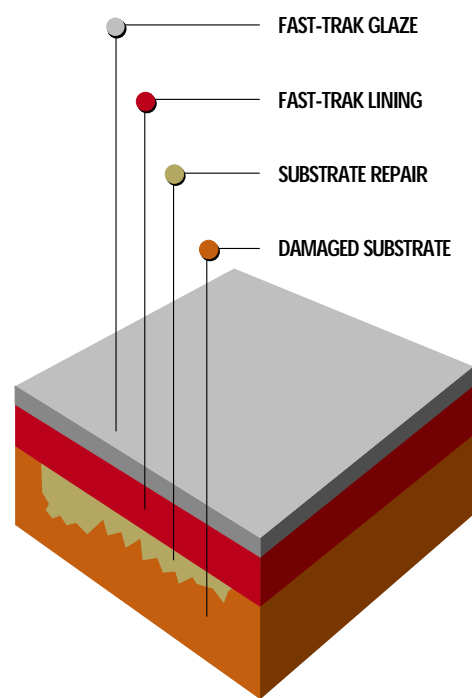
The Alternative to Repointing

Sauereisen has the solution. Restoring tile vessels is remarkably easy with Sauereisen spray-applied linings and coatings. Without replacing tiles. Without the usual jackhammering which may damage adjacent vessels.

The Sauereisen approach to tile vessel rehabilitation starts with an epoxy or vinyl ester, fiber-reinforced lining. It is used to seal the substrate with relatively minimal surface preparation.

Fast-Trak NovolaK Lining No. 219 is specially formulated to resist strong oxidizing environments and abrasion. Easily applied by airless spray, Fast-Trak NovolaK No. 219 is a fiber-reinforced, 100% solids epoxy lining that is resistant to high temperatures.

Fast-Trak VE Lining No. 441 has the chemical resistance to withstand the bleaches, liquors and other corrosive substances that attack



unprotected trenches, sumps and chests. This vinyl ester material is formulated to restore deteriorated tile surfaces by lining existing structures with a uniform thickness of corrosion-resistant material.

Sauereisen materials are specified for plant-wide chemical storage, processing and containment applications.



Restoration by Fast-Trak can eliminate costly masonry replacement.

Seamless Performance

An optional second step is the application of a thin-film coating to further seal the system and reduce the possibility of additional deterioration. With a tenacious bond and very low permeability, Fast-Trak protects the entire system with a chemical-resistant layer that is thicker than the original glazed tile face. What's more, because Sauereisen's high-gloss Fast-Trak organic coating system is seamless, it reduces abrasion to extend service life even longer. Fast-Trak NovolaK Glaze No. 229 functions

as a sealer to resist strong oxidizing environments, especially high concentrations of sulfuric acid. Easily rolled or sprayed, this epoxy glaze goes on fast, sets up fast, and withstands temperatures as high as 180°F (82°C).

Fast-Trak VE Glaze No. 473 is the vinyl ester coating with a maximum service temperature of 250°F (121°C). With excellent chemical resistance and low porosity, it provides an installation-friendly alternative to glazed tile.

The Economical Solution

Not only is repointing mortar joints a labor-intensive, tedious task, it also keeps your vessel out of service longer, which is the most costly aspect of all. Since spray installations proceed at a much faster rate than repointing or infrastructure overhaul, pulp and paper processing chests can return to service in a fraction of the time. Repair is quick; downtime is minimized; and labor is reduced.

Finally, unlike other monolithic systems, Sauereisen has eliminated

the need for applications of woven fabric or horizontally oriented glass flakes. This of course, eliminates the additional cost and downtime associated with inferior approaches.

Sauereisen is quietly revolutionizing tank rehabilitation and construction in the pulp and paper industry. Our innovative products not only fix the current problem, but also prevent further failures. Fast-Trak systems – the ideal solution for both new construction and quick turnaround maintenance.



Spray installation is the quickest method for new construction or maintenance.



Our single-source capability includes a full line of substrate repair materials.

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