

I M P E R M E A B L E S Y S T E M S



CORROSION-RESISTANT FLOORS & WALLS

SAUEREISEN

Corrosion-Resistant Floors & Walls

It's no secret what common elements cause corrosion of floors in the food processing and pharmaceutical industries. Repetitive physical abuse also plays a large role in the longevity of a floor's service life. Although it's impossible to eliminate these destructive forces, it is not impossible to select a floor that resists them.

Sauereisen offers a complete line of long-wearing, chemically-resistant flooring systems with proven performance and a multitude of benefits:

- High-resin content reduces permeability.

- Superior chemical-resistance to food by-products and aggressive cleaning solutions.
- Easy to clean - compositions that do not support bacterial growth.
- Skid resistance for improved safety.

Our product line meets the requirements of the Meat and Poultry Inspection Program of the U.S. Department of Agriculture for use in federally inspected food plants.

Seamless Flooring and Lining Systems

Sauereisen's monolithic materials provide good physical and chemical protection and are more economical than masonry systems. These systems are ideally suited for process areas, aisles, containment dikes and other areas subject to forklift traffic and spillage of corrosives. All are resin-based materials applied by pour-and-spread, trowel, roller or spray.

Self-Leveling Epoxy - This coating system is ideal for chemical resistance in low traffic areas. If skid resistance is required, various sized aggregates may be added as a broadcast system.

ConoCrete - a family of chemical-resistant, 100% solids, epoxy flooring systems for protecting old or new concrete. These aggregate-filled products are troweled to a 1/4 inch thickness. Available in three formulations including General Purpose, Chemical & Food Grade and NovolaK to provide resistance to specific temperature, physical and chemical environments.

Arctikure - an epoxy floor system designed for cold room applications. Cures at temperatures as low as 35°F.



Power troweling ConoCrete.

ConoSpread - the pour-and-spread epoxy system that provides a durable, yet labor-friendly floor topping. Applied from 60 mils to 1/4 inch. Typical installations involve the application of a basecoat slurry that is topped with a broadcast for additional skid resistance.

FibreCrete - a fiber-reinforced epoxy lining for vertical and horizontal protection of concrete or steel. Applied by airless spray, this durable barrier is a labor-saving alternative for either immersion service or secondary containment.

ConoGlaze - is a high-gloss coating for areas where aesthetics or ease of cleaning is desired. Available in three chemical-resistant grades, it serves as a 10 mil thick topcoat or as an independent barrier.

ConoSpread floor in restaurant kitchen area.

Masonry Systems

Chemical-resistant masonry withstands the highest degree of physical abuse and corrosion. The end product is an attractive flooring system that's easily sanitized.

The most heavy-duty masonry flooring system employs an impervious membrane and dense acid-brick bonded with a chemical-resistant mortar. This system will bridge minor cracks and surface imperfections in the concrete substrate while providing protection against aggressive chemicals and impact.

Direct-bond tile flooring is another masonry system highly suitable for many food processing facilities. Its tough surface resists wear and corrosion. Floors protected with quarry tile and chemical-resistant grout provide years of maintenance-free protection.



ConoCrete in food processing area.

Sauereisen Materials for Masonry Construction

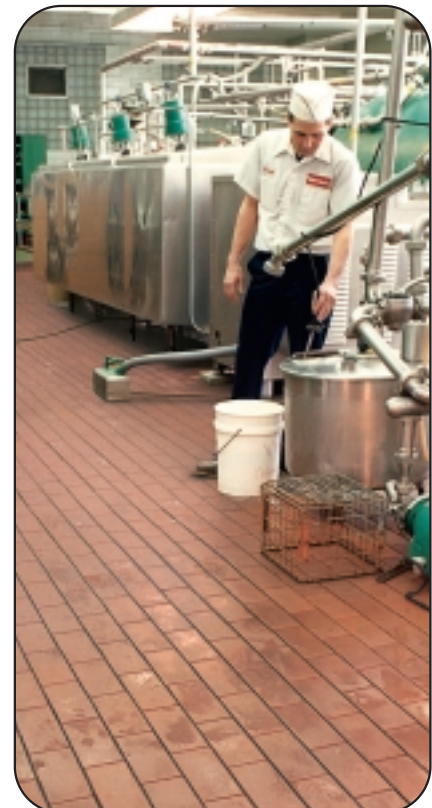
Mortars, Grouts & Setting Beds - Whether construction is by the bricklayers' or tilers' method, Sauereisen offers a complete array of supporting products including furan, epoxy or vinyl ester materials. For lower temperature applications, modified formulations are available. Regardless of your processing temperatures or chemical exposure, we've got you covered.

Chemical-Resistant Membranes - Sauereisen supplies two asphaltic membranes commonly specified for brick flooring construction. These include a hot melt material for horizontal applications and a versatile rubberized sheet membrane for the most severe chemical challenges.

Supporting Products for Flooring

Sauereisen offers a complete line of related products for use in food processing and pharmaceutical plants. In addition to our corrosion-resistant monolithics and mortars, a complementary selection of substrate repair materials, expansion joints and machinery setting grouts are at your disposal.

Established in 1899, Sauereisen has grown to serve many markets with diverse applications. Today our presence reaches globally through an international network of distributors and licensees. Call on Sauereisen for a century of experience and a single source of corrosion-resistant materials.



Acid brick - furan mortar floor in dairy.



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