



MEMBRANES & EXPANSION JOINTS

Materials for Protection and Restoration

Hot-Applied Membrane System

Nos. 47 & 85

The Sauereisen Hot-Applied Membrane System includes Primer No. 47 and Asphaltic Membrane No. 85. These products are installed as a system to form a flexible acid- alkali-, and water resistant barrier between acid brick or monolithic sheathing and concrete substrates. Benefits of the Asphaltic Membrane are two-fold. It not only protects concrete against chemical attack, but isolates masonry linings and monolithics from structural movement of the underlying substrate.

Elastomeric Joint Compound

No. 69

Sauereisen Elastomeric Joint Compound No. 69 is used as a flexible expansion joint in acid pickling tanks; in concrete, brick and tile floors; for sealing joints of ducts and conduits; and for general caulking and sealing where permanent flexibility and adhesion are required, along with resistance to mineral acids and alkalies.

Urethane Membrane

No. 87

Sauereisen Urethane Membrane No. 87 is a two-component elastomeric formulation of asphalt-modified urethane. After the components are mixed, the compound is spray applied by airless spray equipment. An internal chemical reaction results in an elastomeric polymer with superior properties. Sauereisen No. 87 has excellent adhesion to metal and concrete substrates. Because it is a high solids elastomer, Membrane No. 87 is recommended when movement from temperature change and other causes will be encountered. It resists acids, alkalies, and salts associated with flue gas and immersion environments.

Fib-R-Thane

No. 88T/S

Fib-R-Thane is an elastomeric lining composed of asphalt-modified urethane. It is used as a chemical-resistant membrane or gasket seal for the protection of concrete, block and steel. Available in trowelable and sprayable grades. Fib-R-Thane resists acids, alkalis and salts associated with flue gas immersion environments. In comparison to standard asphalt materials, No. 88's urethane content allows it to exhibit an improved resistance to oil, grease and solvents. Fib-R-Thane is fiber-reinforced and maintains excellent elasticity and adhesion over a temperature range of -30°F to 250°F.

High Temperature Membrane

No. 89

No. 89 is an asphalt-based material designed to function as an elastomeric membrane. Supplied as a single component for spray applications, it is typically used behind either a monolithic refractory or a brick & mortar lining. The membrane serves as a final layer of defense for concrete, steel, or brick substrates subject to corrosive conditions. No. 89 maintains flexibility and chemical resistance to a wide variety of acids, alkalis and salts associated with flue gas environments. The membrane also tolerates moderate substrate movement from temperature changes or other causes. Suitable for temperature ranges of -60°F to 300°F.

Sheet Membrane

No. 90

Sauereisen Sheet Membrane No. 90 is an impervious synthetic elastomer of uniform quality and thickness for use in corrosion-resistant construction. It is a fiber-reinforced poly-tetra-fluoro-ethylene (PTFE) lining system. No. 90 replaces rubber, plastic and asphalt membranes commonly used on floors, tanks and process vessels, between substrate and acid/alkali-resistant brick. The elastomeric sheet membrane remains flexible over a temperature range of -20° to +200°F. Thus, when the substrate moves, the membrane serves as a sheer pad between it and the brick lining. No. 90 is an easy-to-install, single layer system which resists water, oil, most alkalies and acids. It will protect the substrate from corrosive chemical attack.

SEE REVERSE SIDE

Epoxy Joint Sealant

Nos. 220 & 221

Sauereisen Epoxy Joint Sealants are used to provide a durable joint filler. The materials are 100% solids, pourable epoxies designed to effectively absorb the shock and impact of heavy loads and steel-wheeled vehicles over narrow joints. Available in two formulations, No. 220 is for general purpose applications and No. 221 is a novolac epoxy for more severe chemical environments. Sauereisen Joint Sealants are non-shrinking due to their high-solids content and will not become brittle. These self-priming materials will flow and self-level to the full depth of the joint. The joint compounds cure quick enough to be ready for foot traffic in 24 hours and chemical service in 3 days.

ConoFlex Membrane

No. 520

ConoFlex Membrane No. 520 is a flexible elastomeric polyurethane combining toughness, flexibility and elongation. Typical uses would be as a flexible membrane under a chemical-resistant coating or lining for existing or anticipated substrate cracking or primary/secondary containment structures subject to movement. The ConoFlex system utilizes ConoWeld 501 or PenePrime 500 as a primer for concrete and other porous substrates.