

# SAUEREISEN

## FLUOROPOLYMER COATING 950S

Sauereisen Fluoropolymer Coating 950S is a two component liquid fluoroelastomer. It will withstand service temperatures up to 400°F.

### CHARACTERISTICS

- Liquid fluoroelastomer; Coating, Adhesive
- Solvent Borne
- Two Component
- Unaffected by temperatures from -40°F to +400°F.
- Acceleration Ratio (by weight) 50:1

### AREA PREPARATION

#### Surface Preparation

Substrate should be clean and dry for maximum adhesion. Gritblasting and degreasing with oil-free solvents is recommended.

### APPLICATION

Sauereisen Fluoropolymer Coating 950S is packaged in pre-measured containers so no measurement is required. The 950S can be applied by brushing, dipping, rolling or spraying.

#### Mixing

Product may settle during storage. Stir the product with a broad spatula or paintstick before adding the accelerator. Make sure to scrape the bottom and sides thoroughly, and check for any undispersed, thicker material which may be clinging to the spatula. Slowly add the accelerator to the base material and mix thoroughly. Avoid any mixing methods which introduce substantial amounts of air into the liquid. After adding the accelerator, put the lid on the container and do not disturb for 10 minutes. This standing time will allow trapped air to escape prior to the application. It is important to keep the lid on the container when the material is not being actively applied. Air exposure allows evaporation of the solvent and increases the viscosity of the material.

### PHYSICAL PROPERTIES

	950S
Color	Black
Coverage, cu. in./gal	36
Elongation (ASTM D-2370) (Post Cure)	250%
Operating Temperature	-40° to 400°F, with excursions to 500°F
Tensile strength (ASTM D-2370) (Post Cure)	1,000 psi
Viscosity, cps	2,000
Volume Non-Volatile (ASTM D-2697)	15.4%
Weight Solids	30%
Density (lb./gallon)	8.5
Specific Gravity (Water = 1)	1.02

Once mixed the 950S has a useful life of approximately 8 hours at 75°F (24°C).

### COVERAGE

36 cubic inches per gallon.

Coverage rates are theoretical and will vary depending upon surface conditions, porosity, application techniques, and specific project conditions.

### CLEAN UP

All equipment should be cleaned with MEK, MIBK, or Acetone.

### SETTING/CURING

The surface of the material will dry very quickly generally in 20 minutes or less. Thick applications will trap solvents beneath the surface. Allow for solvent evaporation prior to making multiple coats, or blisters may result. Product adheres well to itself.

Thin applications will cure in approximately 24 hours at 75°F. Faster cures are possible by heating solvent free coatings for 20 minutes at 300°F (149°C). Thick applications or low temperatures may increase cure time.

### PACKAGING

Accelerator: 77 g (98ml)  
Base: One Gallon

### SHELF LIFE

Fluoropolymer Coating 950S Base Material and Accelerator have a shelf life of 12 months from the date of certification when stored in unopened, tightly sealed containers in a dry location at 70°F. If there is a doubt of the quality of the materials, contact Sauereisen.

### SAFETY

Flammable Liquid: Use in accordance with the Material Safety Data Sheet.

## CAUTION

Consult Material Safety Data Sheets and container label caution statements for any hazards in handling this material.

## WARRANTY

We warrant that our goods will conform to the description contained in the order, and that we have good title to all goods sold. WE GIVE NO WARRANTY, WHETHER OF MERCHANTABILITY, FITNESS FOR PURPOSE OR OTHERWISE, EXPRESS OR IMPLIED, OTHER THAN AS EXPRESSLY SET FORTH HEREIN. We are glad to offer suggestions or to refer you to customers using Sauereisen cements and compounds for a similar application. Users shall determine the suitability of the product for intended application before using, and users assume all risk and liability whatsoever in connection therewith regardless of any suggestions as to application or construction. In no event shall we be liable hereunder or otherwise for incidental or consequential damages. Our liability and your exclusive remedy hereunder or otherwise, in law or in equity, shall be expressly limited to our replacement of nonconforming goods at our factory or, at our sole option, to repayment of the purchase price of nonconforming goods.

**Distributors and agents in major cities throughout the world. Consult manufacturer for locations.**

**Sauereisen also produces inorganic compounds for assembling, sealing, electrically insulating and grouting.**

# SAUEREISEN

...since 1899

160 Gamma Drive  
Pittsburgh, PA 15238-2989 USA  
Phone 412/963-0303 Fax 412/963-7620  
[www.sauereisen.com](http://www.sauereisen.com)