

Sauereisen Viton Caulk No. 950-G is a flexible, two-component joint caulk for severe chemical environments. It also withstands service temperatures up to 400°F.

Sauereisen No. 950-G offers excellent resistance to most acids, alkalis, and solvents common to industrial facilities. The product consists of a Base Material and Accelerator that are mixed prior to use.

CHARACTERISTICS

- Forms an impervious, flexible solid.
- Unaffected by temperatures from -40°F to +400°F.
- Excellent adhesion to concrete, brick, steel, and refractories.

AREA PREPARATION

Temperature of Working Area

Maintain a temperature of 50°F- 85°F on air, substrate and materials during mixing, application, and cure. Material temperature must be maintained between 65°F and 80°F for a minimum of 48 hours prior to use. Lower temperatures will require a longer cure time. Above 80°F working time decreases.

Application in direct sunlight and/or rising surface temperature may result in blistering of materials due to entrapped air, entrained air or moisture escaping from the substrate. When surface temperatures are rising, it may be necessary to delay installation or apply materials during cooler hours.

Surface Preparation

Substrate should be chemically cleaned with Degreaser 809 to remove oil, grease, and other contaminants that may inhibit bond of Viton Caulk. Abrasive blast to remove laitance and obtain a firm surface. All loose deposits and contamination should be removed by brushing or vacuuming. Prepared surfaces must be allowed to thoroughly dry prior to application.

PHYSICAL PROPERTIES

	No.950-G
Adhesion to Concrete (ASTM D-4541)	140 psi
Color	Black
Coverage, cu. in./gal	90 - 105
Dry Film Thickness	1.57 mils
Elongation (ASTM D-2370)	431%
Operating Temperature	-40° to 400°F, with excursions to 500°F
Tensile Strength (ASTM D-2370)	2,500 psi
Viscosity, cps	500,000
Volume Non-Volatile (ASTM D-2697)	44.0%
Weight Solids	65%

APPLICATION

Sauereisen Viton Caulk No. 950-G is packaged in premeasured units consisting of a Base material and an Accelerator. Thoroughly remix each component prior to use.

Mixing

Completely empty the contents of Accelerator into Base Material and mix 3-5 units with a Jiffy mixing blade affixed to a slow speed 1/2" drill motor. Allow 10 minutes aging period after mixing.

Installation

A bond breaker should be installed in the bottom of the joint prior to No. 950-G application. Polyethylene foam backer rods that are approximately 50% wider than the width of the joint should be forced down to the substrate for this purpose.

The width of the No. 950 in the joint should be maintained at approximately twice of the joint depth ($W = 2 \times D$) to accommodate for greater extension and to minimize the possibility of tearing.

For applications where joints are very deep, additional layers of backer rods should be used.

For vertical installations, apply with a caulking gun and then dam the filled joint with tape as application moves up the wall. The tape should be left in place until Sauereisen No. 950-G cures.

COVERAGE

90-105 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 or MIBK before No. 950-G cures.

SETTING/CURING

Once mixed, No. 950-G has a pot life of four (4) hours at 70° F. Allow the material to cure for a minimum of 72 hours at 70°F prior to traffic or harsh chemical exposure.

PACKAGING

Base Material: 1 gallon can
Accelerator: 230 mil bottle

SHELF LIFE

Viton Caulk No. 950-G Base Material and Accelerator have a shelf life of one (1) year 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.

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.**

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