

SAUEREISEN

FIB-R-THANE NO. 88P

Sauereisen Fib-R-Thane No. 88P is used as a flexible expansion joint for 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.

Fib-R-Thane is an asphalt-modified urethane material with fiber reinforcement. No. 88P offers resistance to mineral acids and alkalies, but is not resistant to oils, kerosene or petroleum solvents.

CHARACTERISTICS

- o Forms an impervious, flexible solid.
- o Nonshrinking.
- o Resists water, moisture, alkalies and most corrosive acids.
- o Unaffected by temperatures from 40° to +250°F.
- o Excellent adhesion to concrete, brick, granite, glass, styrene copolymers and metals.

AREA PREPARATION

Temperature of Working Area

Maintain a temperature of 60° - 90°F on air, substrate, and Fib-R-Thane No. 88P during mixing, application and cure.

Surface Preparation

The substrate should be chemically cleaned to be made free of laitance, oil, grease and other contaminants that may inhibit the bond of the No. 88P system. All surfaces must be dry, firm and structurally sound as specified by the architect/engineer. Any loose particles of dust, dirt and foreign matter should be removed by brushing or vacuuming.

APPLICATION

Mixing

No. 88P is supplied in two parts - Component A and Component B - which must be mixed together as used. Thoroughly remix each component prior

PHYSICAL PROPERTIES

Color	Black
Flash point	>250°F (121°C)
Gel time, 75°F (24°C)	45 - 70 min
Service temperature range	-40°F to 250°F (-40°C to 121°C)
Viscosity, 75°F (24°C), Brookfield- Component A	6,500 - 7,000 cps
Component B	7,500 - 15,000 cps
Vol. coef. thermal expansion	13.0 x 10 ⁻⁴ cm ³ /°C/cm ³
Weight per gallon - Component A	7.5 - 7.7 lbs (3.4 - 3.5 kgs)
Component B	8.0 - 8.3 lbs (3.6 - 3.8 kgs)

Physical properties were determined on specimens prepared under laboratory conditions using applicable ASTM procedures. Actual field conditions may vary and yield different results; therefore, data are subject to reasonable deviation. Data should not be used for specification purposes.

to use. Empty contents of Component A into Component B and mix thoroughly for a minimum of three to five minutes with a slow-speed (150 rpm) paddle-type or drill motor mixer. Avoid entraining air into the mixture. Mix only complete units - do not mix partial batches.

Installation

Once all surfaces have been prepared and mixing is completed, the No. 88P may be applied. A bond breaker should be installed in the bottom of the joint prior to pouring Fib-R-Thane. 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. For shallow joints, vinyl tape on the bottom surface of the joint will suffice.

The depth of the No. 88P in the joint should be maintained at approximately twice of the joint width 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. Typical installations are shown in the examples on next page.

For vertical applications, tape the open joint and then pour the No. 88P behind the tape. Do not attempt to pour the No. 88P more than 12 inches behind the tape. As the application moves up the wall, the procedure is repeated; applying tape and then pouring behind the tape.

The tape is left in place until the No. 88P is cured. As an alternative, approximately 1/2 to 1 gallon of No. 88P-THICKENER should be added to each unit of mixed No. 88P and blended thoroughly. This results in a material that may be applied with a caulking gun.

For deteriorated joints, repair the surrounding protective system with appropriate material. Consult Sauereisen for recommendations. The repair material should be "keyed in" by sawcutting beyond the spalled concrete on both sides of the joint and mechanically removing the loose concrete. The joint should be reformed when placing the repair material by using a removable spacer; or the deteriorated joint area may be completely sealed with the repair material and a new joint sawcut after it cures. The resulting joint should then be filled with No. 88P as previously described.

COVERAGE

Estimating Table for No. 88P
(Linear feet per mixed gal.)

Joint Depth (Inches)	Joint Width		
	1/4"	3/8"	1/2"
1/4	255		
3/8	170	122	
1/2	127	84	64
5/8	102	68	50
3/4	84	56	42
7/8	73	48	36
1	64	42	31

SETTING/CURING

No. 88P will gel in approximately one (1) hour at 75°F. The compound shall be permitted to cure a minimum of 24 hours at 60°-90°F before being placed into service. Minimum cure temperature is 50°F. In the 50°-60°F range, the No. 88P requires a 48-hour cure period before being placed into service.

CLEAN-UP

All equipment should be cleaned with acetone, xylene or MEK before No. 88P cures. If removal is required after cure, consult Sauereisen for recommendations.

PACKAGING

One-gallon units of No. 88P contain:

Part A: .66 lbs of Hardener in a pint can
Part B: 7.07 lbs. in a 2-gal. can

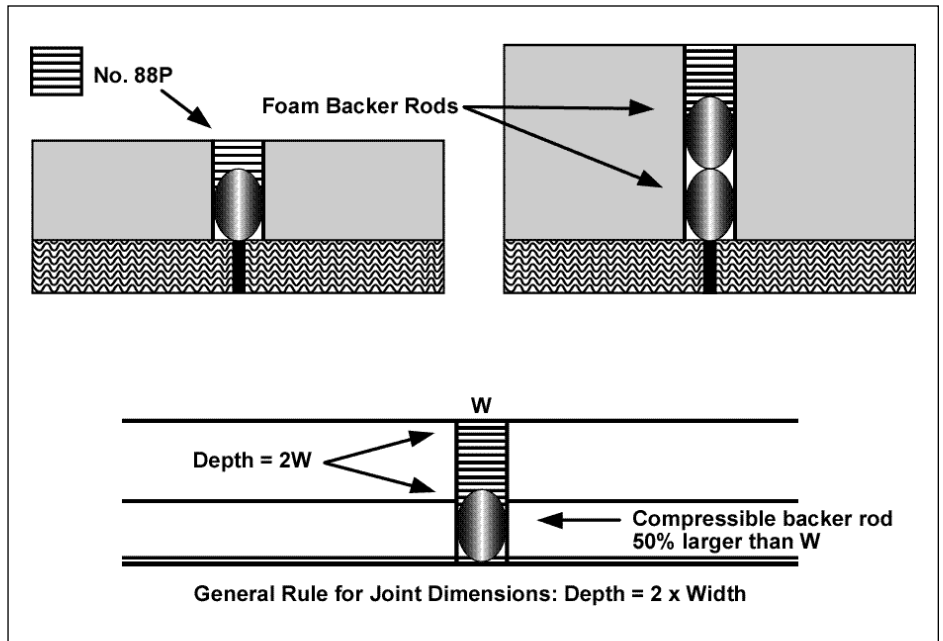
No. 88P-THICKENER is packaged in gallon cans that include approximately one pound of material.

SHELF LIFE

Fib-R-Thane No. 88P components have a shelf life of six months when stored in unopened, tightly sealed containers in a dry location at 70°F. If there is a doubt as to the quality of the materials, consult a Sauereisen representative.

CAUTION

Consult Material Safety Data Sheets and container label Caution Statements for hazards in handling these materials.



Typical installations incorporating Fib-R-Thane No. 88P.

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 non-conforming goods at our factory or, at our sole option, to repayment of the purchase price of non-conforming goods.

- o Distributors and agents in major cities throughout the world. Consult manufacturer for locations.
- o Information concerning government safety regulations available upon request.
- o Sauereisen also produces inorganic compounds for assembling, sealing, electrically insulating and grouting.

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