

SAUEREISEN

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 alkalis.

No. 69 is not resistant to oils, kerosene or petroleum solvents.

CHARACTERISTICS

- o Forms an impervious, flexible solid.
- o Nonshrinking.
- o Resists water, moisture, alkalis and most corrosive acids.
- o For use within temperature range of -40^o to 250^oF.
- o Excellent adhesion to concrete, brick, granite, glass, styrene copolymers and metals.

AREA PREPARATION

Temperature of Working Area

Maintain a temperature of 60^o - 90^oF on air, substrate, ConoWeld No. 501 Primer and Elastomeric Joint Compound No. 69 during mixing, application and cure.

Surface Preparation

Substrate must be free of laitance, oil, grease and other contaminants that may inhibit the bond of the No. 501/69 system by chemical cleaning. 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

ConoWeld Primer No. 501

Thoroughly remix before applying.

Elastomeric Joint Compound No. 69

No. 69 is supplied in two parts - Component A and Component B - which

PHYSICAL PROPERTIES

Color	Black
Flash point	>250 ^o F (121 ^o C)
Gel time, 75 ^o F (24 ^o C)	45 - 70 min
Service temperature range	-40 ^o F to 250 ^o F (-40 ^o C to 121 ^o C)
Viscosity, 75 ^o F (24 ^o C), Brookfield- Component A	150 - 250 cps
Component B	7,500 - 15,000 cps
Vol. coef. thermal expansion	13.0 x 10 ⁻⁴ cm ³ / ^o C/cm ³
Weight per gallon - Component A	8.5 lbs (3.8 kgs)
Component B	7.4 lbs (3.3 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.

are packaged together in one carton. Thoroughly remix each component prior to use. Empty contents of Component A into Component B and mix thoroughly for a minimum of five minutes with a slow-speed "Jiffy" type mixer. Avoid entraining air into the mixture. Mix only complete units - do not mix partial batches.

Installation

ConoWeld No. 501 Primer

Apply primer to concrete or steel using either a short nap adhesive roller with a nondegradable core, or a nylon bristle brush. For horizontal applications, pour primer onto the surface and spread with a squeegee before backrolling or brushing.

ConoWeld may also be sprayed using airless spray equipment. Typical application thickness is 5-10 mils. Consult Sauereisen for specific details.

Elastomeric Joint Compound No. 69

Once Primer No. 501 has dried to a tack-free condition, the No. 69 may be applied. A bond breaker should be installed in the bottom of the joint prior to pouring No. 69. Polyethylene foam backer rods that are approximately 50% wider than the width of the joint should be forced to the bottom of the open joint for this purpose.

The width of the No. 69 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 applications, tape the open joint and then pour the No. 69 behind the tape. Do not attempt to pour the No. 69 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. 69 is cured. As an alternative, approximately 1/2 to 1 pound of No. 69T should be added to each unit of mixed No. 69 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. 69 as previously described.

COVERAGE

Estimating Table for No. 69 (Linear feet per mixed gallon)

Joint Width (Inches)	Joint Depth		
	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. 69 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. 69 requires a 48-hour cure period before being placed into service.

PACKAGING

No. 501

1 gallon unit

Part A Hardener	1 gallon can
Part B Liquid	1 gallon can

3 gallon unit

Part A Hardener	2 gallon pail
Part B Liquid	3 1/2 gallon pail

Containers are filled by weight, not volume. Container size does not indicate volume of contents.

No. 69

Part A	1/2 pound in a pint container
Part B	7.4 pounds in 2- Gallon pail

No. 69T Approximately 1 pound in a 1-gallon can

CLEAN-UP

All equipment should be cleaned with acetone, xylene; monochlorotoluene, or MEK before No. 69 cures. If removal is required after cure, consult Sauereisen for recommendations.

SHELF LIFE

Primer No. 501 has a shelf life of (1) year 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

Elastomeric Joint Compound No. 69 have a shelf life of six (6) 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.

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.

- 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.**

SAUEREISEN ...since 1899

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