



ENVIRONMENTAL COATINGS

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SEWER SHIELD® PRODUCT DATA SHEET SEWER SHIELD CAULK

Product Description

- 2-Part Flexible Caulking System
- Blend of Epoxy Resin and a Unique Urethane Polymer
- 100% Solids
- 100% Elongation
- Fills Expansion Joints and Severe Cracks
- Low Odor/Solvent Free
- V.O.C. Compliant

Special Features

- Meets ASTM C-884 Thermal Compatibility with Concrete
- Bonds Tenaciously to Substrates
- Various Curing Times Available, including Cold Set
- Will Remain Flexible to -40°F.
- Self-Priming
- Excellent Adhesion to 24 Hour Old Concrete by Priming with **Corro-Cure**
- Resistant to the Spillage of Many Acids, Solvents and Cleaning Solutions. (Refer to Chemical Resistance Chart)
- Resistant to Hot Water and Steam Cleaning
- Can be Used Indoors or Outdoors
- Available as a Pourable Grade, Specify Corro-Lastic
- As a Flexible Membrane, Specify Corro-Lastic
- Mix Ratio of 8:1 by Volume
- Water Wipeable

Application

- Vertical or Horizontal Expansion Joints
- Sealant for Moving Cracks
- Sealant Around Metal Base Plates, Drains, etc.
- Expansion Joint for Cold Rooms (Flexi-Caulk CS)
- Adhesive for Gluing Ceramic Tiles to Wood or Drywall
- As a Primer for Adhesion for Epoxy Floors to Stainless Steel, specify Corro-Lastic

Packaging

Sewer Shield Caulk is available in the following pak sizes:

One Quart
One-Half Gallon
One Gallon

See Back Page for Coverages.

Priming

Priming is not necessary, however, if after cutting open an expansion joint or crack the edges appear to be dusting, then the application of **Corro-Prime** is advised. Cutting of the joints or cracks must be done with a diamond blade as a fiber blade is likely to leave a "black smudge" on the surface which will interfere with the adhesion of the caulk.

Set Times

Sewer Shield Caulk is available in various setting times. For quick reference, the following guide is given for the different temperature applications:

Sewer Shield Caulk – About 5 hours at 73°F.

Sewer Shield Caulk F.S. (Fast Set) About 3 hours at 73°F.

Sewer Shield Caulk X.F.S. (Extra Fast Set) – About 1 ½ hours at 73°F.

Sewer Shield Caulk C.S. (Cold Set)– About 16 hours at 40°F.

Mixing and Application

Mix Part A with Part B and apply with a caulking gun or putty knife. Detailed mixing and application instructions are available upon request.

Colors

Black, White, Gray, Dark Gray, Brick Red, Beige, Green and Brown. Special colors, such as Stainless Steel, are available upon request, for an additional charge.

Clean Up

Sewer Shield Caulk while still wet can be cleaned up with warm soapy water, but if allowed to set then mechanical cleaning or the application of a very strong paint stripper will have to be used.

Precautions

As with all epoxies, good hygienic habits must be observed and the wearing of protective clothing and gloves is advised. Before using any of the products, please read their respective safety data sheets.

Technical Assistance

If you have any questions regarding this product, please call 1-800/298-7637 for further information

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Physical Characteristics

Mixing Ratio By Volume

A:B
8:1

Density:

Part A: 9.32 lbs./gallon
Part B: 8.19 lbs./gallon
A & B Mixed: 9.2 lbs./gallon

Chemical Resistance at 73°F (Refer to Detailed Chemical Resistance Chart)

<u>Chemical</u>	<u>Rating</u>
Acetic Acid - 10%	OS
Ammonium Hydroxide	OS
Beer	F S
Citric Acid - 10%	OS
Hydrochloric Acid - 10%	F S
Lactic Acid - 10%	OS
Mineral Spirits	OS

At 73°F

	<u>Pot Life</u>	<u>Set Time</u>
Sewer Shield Caulk	45 Min.	5 Hours
Sewer Shield Caulk FS	20 Min.	3 Hours
Sewer Shield Caulk XFS	10 Min.	1½ Hrs.
Sewer Shield Caulk CS (at 40°F)	45 Min.	16 Hrs.

Full Chemical Cure: 7 days
Shelf Life: 12 months
Elongation: 100%

<u>Chemical</u>	<u>Rating</u>
Nitric Acid - 10%	OS
Oleic Acid	OS
Phosphoric Acid - 10%	OS
Salt Brine, Saturated	OS
Sodium Hydroxide - 50%	FS
Sodium Hypochlorite - 5%	OS
Sulfuric Acid - 20%	OS

Code: OS - Occasional Spillage (Must be removed within 8 hours)

FS - Frequent Spillage

Coverage: (Linear Feet Per Gallon)

Depth of Joint	Width of Joint						
	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
1/4"	320	213	160	128	107	91	80
3/8"	213	142	107	85	71	61	53
1/2"	160	107	80	64	53	46	40

Warranty

The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. However, this product is subject to numerable uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

WARRANTY - All products manufactured by us are warranted to be first class material and free from defects in material and workmanship.

Liability under this warranty is limited to the net purchase price of any such products proven defective or, at our option, to the repair or replacement of said products upon their return to us transportation prepaid. All claims hereunder on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other materials and products. WE MAKE NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY OF ANY OF OUR PRODUCTS FOR ANY PARTICULAR USE, AND WE SHALL NOT BE SUBJECT TO LIABILITY FROM ANY DAMAGES RESULTING FROM THEIR USE IN OPERATIONS NOT UNDER OUR DIRECT CONTROL.

THIS WARRANTY IS EXCLUSIVE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND NO REPRESENTATIVE OF OURS OR ANY OTHER PERSON IS AUTHORIZED TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF OUR PRODUCTS.