



CORRO-SHIELD
SUPERIOR PERFORMANCE COATINGS

CORRO-SHIELD
Industrial Flooring and Walls

www.corroshield.com

Product Data Sheet (Rev. 09/17)

Corro Flexi-Caulk Regular, Fast Set and Cold Set (Ref. No. 904/904FS/904CS)

Product Description

- 2-Part, 100%/Total Solids Flexible Caulking System
- Blend of Epoxy Resin and a Unique Urethane Polymer
- 100% Elongation
- Resin Rich Surface Helps Resist Bacterial Growth
- U.S.D.A. and C.F.I.A. Compliant
- V.O.C. Compliant/Low Odor/Solvent Free

Special Attributes

- Good Chemical Resistance (See Chemical Resistance Chart)
- Built in Resiliency for Thermal Shock (Steam Cleaning) and Impact Resistance
- Meets ASTM C-884 (Thermal Compatibility with Concrete)
- Fills Expansion Joints and Severe Cracks
- Will Remain Flexible to 40°F
- Bonds Tenaciously to Substrates
- Resistant to the Spillage of Mild Acids, Solvents and Cleaning Solutions.
- Can be Used Indoors and Outdoors
- Excellent Adhesion to Clean, Sound, Damp Concrete

Common Uses

- 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

Colors

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

Set Times

Corro Flexi-Caulk is available in either regular or fast set versions:

Corro Flexi-Caulk Regular Set – For Temperatures 73°F/23°C and higher

Corro Flexi-Caulk FS (Fast Set) – For Temperatures 73°F/23°C and higher

Corro Flexi-CaulkCS (Cold Set) – For Temperatures as low as 40°F/5°C

See Set Time Chart on back page for details.

Packaging

Corro Flexi-Caulk and Corro Flexi-Caulk Fast Set are available in the following pre-measured pak sizes:

- 1 quart Pak
- 1/2 Gallon Pak
- 1 Gallon Pak

Coverage: (Linear Feet Per Gallon)

Inch	1/4"	1/2"	3/4"	1"
1/4"	308			
1/2"	154	77		
3/4"	102.7	51.3	34.2	
1"	77	38.5	25.7	19.3

Coverage will vary depending on surface texture.

Mixing and Application

DO NOT MIX BY HAND

Apply with a Caulking Gun or Putty Knife. Detailed mixing and application instructions are available upon request.

Priming

Corro Flexi-Caulk is self-priming and does not need a primer on sound concrete; however, to help reduce outgassing, blistering and dry spots we recommend first priming with:

Dry Concrete - Corro Penetrating-Cote (Ref. No. 106) or Corro Penetrating-Seal (Ref. No. 108)

Moisture up to 7 lbs - Corro-Prime (Ref. No. 600)

Moisture up to 15 lbs - Aqua-Cure (Ref. No. 612)

Moisture up to 25 lbs - Corro-Cure LV FS (Ref. No. 602)

Clean Up

Corro Flexi-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.

Safety

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.

Corro-Shield Industries Inc./ Corro-Shield International Inc.

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Mixing Ratio By Volume

Regular
6:1 Part A: Part B

Fast Set
5:1 Part A: Part B

Cold Set
6:1 Part A: Part B

Mixing Ratio By Weight

Regular
6.20:1 Part A to Part B

Fast Set
5:30:1 Part A: Part B

Cold Set
6.40:1 Part A: Part B

Technical Assistance

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

SET TIMES				
Set Times (Slab Temperature)	40°F/5°C	73°F/23°C		90°F/32°C
	Cold Set	Fast Set	Regular	Regular
Pot Life (Minutes)	45 Minutes	20 Minutes	45 Minutes	25 Minutes
Foot Traffic	16 Hours	3 Hours	5 Hours	3 Hours
Forklift Traffic	36 Hours	24 Hours	24 Hours	24 Hours
Full Chemical Resistance*	9 Days	7 Days	7 Days	7 Days

*Refer to Chemical Resistance Chart

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

<u>Chemical</u>	<u>Rating</u>	<u>Chemical</u>	<u>Rating</u>
Acetic Acid - 10%	OS	Nitric Acid - 10%	OS
Ammonium Hydroxide	OS	Oleic Acid	OS
Beer	FS	Phosphoric Acid - 10%	OS
Citric Acid - 10%	OS	Salt Brine, Saturated	OS
Hydrochloric Acid - 10%	FS	Sodium Hydroxide - 50%	FS
Lactic Acid - 10%	OS	Sodium Hypochlorite - 5%	OS
Mineral Spirits	OS	Sulfuric Acid - 20%	OS

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

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.