



DC530 Joint Sealant

Prepare / Repair

PRODUCT DESCRIPTION:

EPIC DC530 Joint Sealant is a two-component 100% solids, flexible joint sealant designed for applications where a resilient material is required. This product is excellent for use in expansion and control joints in concrete in order to allow for the application of epoxy coatings in creating a seamless floor.

SOLIDS BY WEIGHT: 100%

SOLIDS BY VOLUME: 100%

VOLATILE ORGANIC CONTENT: Less than 1 g/L

STANDARD COLORS: Dries to a semi-clear finish

RECOMMENDED THICKNESS: 1/2" to 1 1/2"

PACKAGING: Packaged as a dual cartridge tube set designed for use with a dual cartridge caulking gun. A 600 ML tube set contains 2 cartridges each at 300 ML. Sold in boxes of 6 tube sets.

COVERAGE: Coverage rate for one tube set @ 1/2" wide and 1/2" deep is approx. 11 feet.

MIX RATIO: 1:1 by volume

SHELF LIFE: 6 months in unopened containers properly stored at normal room temperature. (mix before use)

HARDNESS: 40-45 Shore D

COMPRESSIVE STRENGTH: 2,300 psi

TENSILE STRENGTH: 1,984 psi

ELONGATION AT BREAK: 100%

IMPACT RESISTANCE: Excellent

ABRASION RESISTANCE: 18.2 mg loss with a 1000 gram total load at 1000 revolutions with a CS17 wheel

ADHESION: 410 psi (elcometer) – no delamination/concrete failure

VISCOSITY: Mixed= 1,200 cps – 1,400 cps (typical)

DOT CLASSIFICATIONS: Part A "not regulated" Part B "not regulated"

CURE SCHEDULE: (70°)	
Pot life	1-2 minutes
Recoat or Topcoat	1 hour
Light Foot Traffic	1-3 hours
Full Cure (Heavy Traffic)	3-5 days

CHEMICAL RESISTANCE	
Xylene	C
1,1,1 trichloroethane	B
Methanol	A
Ethyl alcohol	C
Skydrol	B
10% Sodium Hydroxide	D
50% Sodium Hydroxide	D
10% Sulfuric Acid	B
70% Sulfuric Acid	A
10% HCl (aq)	C
5% Acetic Acid	B
Rating key: A - not recommended, B - 2 hour term splash spill, C - 8 hour term splash spill, D - 72 hour immersion, E - long term immersion. NOTE: extensive chemical resistance information is available through your EPIC sales representative.	

MIXING AND APPLICATION INSTRUCTIONS (DC530)

PRODUCT STORAGE: Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 50-90°F. Avoid low temperatures and large temperature fluctuations in storage as these conditions could cause possible product crystallization.

SURFACE PREPARATION: All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate. We recommend that all loose concrete, previous joint compound or other foreign material be removed to leave a clean sound joint. For best results, edges should be sawcut and a one inch backer rod should be placed into the joint leaving approximately 1 to 1 1/2 inches from the top of the backer rod to the top of the joint.

PRIMER: No primer is necessary. This material is self priming.

PRODUCT APPLICATION: Cartridges (A+B set) should be inserted into each side of a dual cartridge caulking gun. The caulking gun will blend both parts together equally. Applicator tip is included and should be attached, allowing for application of the blended material. The blended product has a very short pot life of 1-2 minutes. For application, use a dual cartridge caulking gun. This insures parts A and B are properly blended. Apply the product into the expansion joint to be repaired. Remove any excess material with a putty knife or similar tool after the material has set up enough to cut through with a razor scraping toll. Maintain temperatures within the recommended ranges during the application and curing process. When temperatures are lower, allow more time for this material to cure.

RECOAT OR TOPCOATING: Surface coatings or treatments can be applied to DC530 approximately one hour after application. Many epoxies and urethanes can be used, including Epic DC epoxies, urethanes and other coatings.

CLEANUP: Use xylol.

LIMITATIONS:

- Substrate temperature must be 5°F above the dew point.
- All new concrete must be cured for at least 30 days prior to application.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications.

NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABILITY OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT.

We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.