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ARM114-2X

FLEXIBLE EPOXY JOINT SEALER

PRODUCT DESCRIPTION

ARM114-2X flexible joint sealant is a two component 100% solids epoxy designed for applications where a resilient flexible joint material is needed. This material is also available in for applications to vertical surfaces. The two component material (standard) is supplied with a black component and a white component so proper mixing can be easily observed.

RECOMMENDED FOR: Recommended for expansion joints in general industry as well as expansion joints of highways, bridges, airports, garages, and marine deck.

NOT RECOMMENDED FOR: Not recommended for applications for all acids & chemicals.

SPECS

SOLIDS BY WEIGHT	100%
VOLATILE ORGANIC CONTENT	0 LBS PER GALLON
RECOMMENDED THICKNESS	0.5" to 1.5"
PACKAGING INFORMATION	2 GAL KIT (.265 CUBIC FEET)
MIX RATIO	1:1. 1 PART A TO 1 PART B.
SHELF LIFE	1 YEAR IN UNOPENED CONTAINERS
FLEXURAL STRENGTH	7,100 PSI (ASTM D-790)
COMPRESSIVE STRENGTH	7,200 PSI (ASTM D-695)
TENSILE STRENGTH	5,400 PSI (ASTM D-638)
ELONGATION AT BREAK	17.0% AT 70 DEGREES F (ASTM D-412)
IMPACT RESISTANCE	EXCELLENT
TENSILE STRENGTH	160 INCH POUNDS DIRECT- PASSED
ABRASION RESISTANCE	41.4 MG LOSS WITH A 1000 GRAM TOTAL LOAD AT 1000 REVOLUTIONS WITH A CS17 WHEEL
DOT CLASSIFICATION	A "NOT REGULATED". B "CORROSIVE LIQUID N.O.S., 8, UN1760, PGIII"
VISCOSITY	MIXED= 3,000-4,000 CPS (TYPICAL)
ADHESION	420 PSI (ELCOMETER) - NO DELAMINATION/CONCRETE FAILURE

COVERAGE

2 GAL KIT @ 1/2" BY 1.0" - YIELDS 74-78 LINEAL FEET

COLORS

MEDIUM GRAY (MIXED) - PART A IS WHITE AND PART B IS BLACK

CURE SCHEDULE

POT LIFE (2 GAL MIX)	20-30 MINUTES
RECOAT OR TOPCOAT	4-7 HOURS
LIGHT FOOT TRAFFIC	10-15 HOURS
FULL CURE (HEAVY TRAFFIC)	2-7 DAYS
APPLICATION TEMPERATURE	50-90 DEGREES F

PRIMERS

NONE REQUIRED

TOPCOAT

NONE REQUIRED. MANY SUITABLE TOPPING CAN BE USED. ALWAYS APPLY A TEST AREA TO CONFIRM THAT THE PRODUCTS ARE COMPATIBLE BEFORE APPLYING A TOPCOAT SYSTEM.

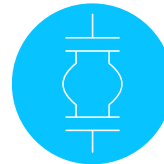
CHEMICAL RESISTANCE

XYLENE	B
1,1,1 TRICHLOROETHANE	B
MEK	A
METHANOL	A
ETHYL ALCOHOL	B
SKYDROL	A
10% SODIUM HYDROXIDE	C
50% SODIUM HYDROXIDE	B
10% SULFURIC ACID	A
70% SULFURIC ACID	A
10% HC1 (AQ)	A
5% ACETIC ACID	A

Rating Key: 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 sales representative.



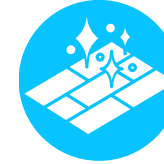
High Solids



Expansion Joint Filling



Impact Resistant



Goes on Virtually Any Surface



Pour on Application

LIMITATIONS

Color stability may be affected by environmental conditions such as high humidity or chemical exposure. Colors may vary from batch to batch. Gray color is not from our standard color chart. Substrate temperature must be 5°F above dew point. All new concrete must be cured for at least 30 days prior to application. This product must be mixed well before using. See reverse side for application instructions. Test data based on neat resin. Physical properties are typical values and not specifications. See reverse side for limitation of our liability and warranty

REPAIR

100% SOLIDS EPOXY FILLER



ARM114-2X

FLEXIBLE EPOXY JOINT SEALER

PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE APPLICATION BEGINS. FAILURE TO DO SO CAN RESULT IN PRODUCT FAILURE.

PRODUCT STORAGE

Store product at normal room temperature before using. Continuous storage should be between 50 and 90 degrees F.

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 at least 2" deep. For best results, edges should be saw cut 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.

PRODUCT MIXING

No primer is necessary. This material is self priming. However, any suitable primer can be used.

PRODUCT MIXING

It is important that the material be mixed well. Improper mixing will cause an incomplete cure and soft spots in the joint. Mix one part by volume (10.0 pounds) part A to one part by volume (8.85 pounds) part B in an oversized mixing container. Mix well with slow speed mixing equipment until totally streak free being sure to scrape the sides and bottom of the mixing container thoroughly. Avoid high speed mixing as this could force air into the product.

PRODUCT APPLICATION

Apply the mixed product by pouring the mixed material into the expansion joint to be repaired. Remove any excess material with a putty knife or similar tool prior to curing. Alternatively, it may also be suitable to let the product become tack free in the joint and then using a razor scraper to cut off or shave the excess above the floor plane. Maintain temperatures within the recommended ranges during the application and curing process. When temperatures are lower, allow more time for this material to cure.

RECOATING OR TOPCOATING

No recoating or topcoating is necessary. However, if you opt to topcoat the applied joint compound, allow it to cure before topcoating. It is not necessary to prime over the joint compound prior to topcoating the joint compound. Many epoxies and urethanes can be used. In some instances, especially when excessive expansion joint movement is involved, topcoats may chip. However, most epoxy or topcoat products will adhere to the joint compound very well.

CLEANUP

Use Xylol.

FLOOR CLEANING

Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

RESTRICTIONS

Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle. Dependent on actual complete system application, surface may be slippery, especially when wet or contaminated; keep surface clean and dry.

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.