

# ARM818X

## CRACK REPAIR EPOXY PUTTY

### PRODUCT DESCRIPTION

ARM818X is a two component 100% solids epoxy crack filler designed for shallow repair on either vertical or horizontal surfaces. This product is easy to mix and use and has a non-critical mix ratio. Additionally, the product, because it is a 100% solids formulation, can be applied thicker on horizontal surfaces when required.

**RECOMMENDED FOR:** Recommended for repairing cracks and defects in concrete or masonry

### SPECS

SOLIDS BY WEIGHT/VOLUME	100%
GARDNER VARIABLE IMPACTOR	50 inch pounds direct – passed
VOLATILE ORGANIC CONTENT	Less than 11 g/l
RECOMMENDED THICKNESS	1/8" cracks or thin build repairs
SHELF LIFE	6 months in unopened containers
MIX RATIO	1 Pat A to 1 Part B
ABRAISON RESISTANCE	Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 36 mg loss
FLEXURAL STRENGTH	7,500 psi @ ASTM D790
COMPRESSIVE STRENGTH	8,710 psi @ ASTM D695
ADHESION	350 psi @ elcometer (concrete failure, no delamination)
VISCOSITY	Mixed => 3,100,000 cps (typical)
DOT CLASSIFICATIONS	Part A "not regulated" Part B "not regulated"
TENSILE STRENGTH	6,256 psi @ ASTM D638
ULTIMATE ELONGATION	2.4%
HARDNESS	Shore D = 65
HEAT DEFLECTION TEMP	59 degrees C (138 degrees F)
PACKAGING INFORMATION	2 gallon kit= 1 gallon part A @ 11.1 pounds and 1 gallon part B @ 11.2 pounds (22.3 pounds net). 10 gallon kits (111.5 pounds net)

### COVERAGE

Per Gallon	0.13 cubic feet or 1,228 lineal feet @ 1/8" x 1/8"
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### COLORS

Medium gray
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### CURE SCHEDULE

POT LIFE (2 Gallon Volume)	1-3 hours
TACK FREE (Dry to touch)	5-10 hours
RECOAT/TOPCOAT	immediately after application
LIGHT FOOT TRAFFIC	10-24 hours
FULL CURE (heavy traffic)	2-7 days
APPLICATION TEMPERATURE	60-90 degrees F

### PRIMERS

None required

### TOPCOAT


None required. Many of ArmorPoxy's epoxies and urethanes are compatible.

### CHEMICAL RESISTANCE


Butanol	C
Xylene	B
1,1,1 trichloroethane	A
MEK	A
Methanol	A
Ethyl Alcohol	A
Skydrol	B
10% Sodium Hydroxide	E
50% Sodium Hydroxide	D
10% Sulfuric Acid	C
70% Sulfuric Acid	A
10% HCl (aq)	C
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.


### FEATURES




**Can Be Used with Other ArmorPoxy Coatings**




**Impact Resistant**



**Applies Like Spackle**



**Recoat/Topcoat Immediately**



**Easy Mix Ratio**

### LIMITATIONS

Color stability may be affected by environmental conditions such as high humidity, chemical exposure, or exposure to certain types of lighting such as sodium vapor lights. Colors may vary from batch to batch. This product is not UV color stable and may discolor when exposed to UV light sources. Substrate temperature must be 5°F above dew point. All new concrete must be cured for at least 30 days prior to application. Many epoxy products can be placed directly over the uncured epoxy crack filler immediately after the material is used provided that the cracks are small. If coating over repairs that are larger, it may be advisable to allow the material to become tack free prior to application of subsequent coatings. See reverse side for application instructions. Physical properties are typical values and not specifications. See reverse side for limitations of our liability and warranty.