

# ARM139X

## FLEXIBLE BROADCAST 100% SOLIDS EPOXY

### PRODUCT DESCRIPTION

ARM139X is a two component 100% solids epoxy designed for sealing traffic surfaces exposed to vehicular or foot traffic. The toughness and elongation eliminate the need to repair hairline cracks. This product is formulated for use in a broadcast system as the basecoat prior to installing epoxy mortars or other suitable topcoats.

**RECOMMENDED FOR:** Priming with broadcasting as a crack bridging sealer before application of epoxy mortar or topcoats.

### SPECS

SOLIDS BY WEIGHT/VOLUME	100% / 100%
VOLATILE ORGANIC CONTENT	ZERO LBS PER GALLON
PACKAGING INFORMATION	1 GAL UNITS, 2 GAL UNITS, 10 GAL UNITS
SHELF LIFE	1 YEAR IN UNOPENED CANS
MIX RATIO	1 PART A: 1 PART B
ABRASION RESISTANCE	TABER ABRASER CS-10 CALLIBRASE WHEEL WITH 1000 GRAM TOTAL LOAD AND 500 CYCLES= 6 MG LOSS.
COMPRESSIVE STRENGTH	4,100 PSI @ ASTM D695
FLEXURAL STRENGTH	2,600 PSI @ ASTM D790
TENSILE STRENGTH	2,450 PSI @ ASTM D638
ULTIMATE ELONGATION	60%
GARDNER VARIABLE IMPACTOR	160 INCH POUNDS DIRECT- PASSED
ADHESION	450 PSI @ ELCOMETER (CONCRETE FAILURE, NO DELAMINATION)
HARDNESS	SHORE D= 58
VISCOSITY	MIXED= 1,000-1,700 CPS
DOT CLASSIFICATIONS	PART A "NOT REGULATED" PART B "CORROSIVE LIQUID N.O.S., 8, UN1760,PGIII"

### COVERAGE

PER GALLON	30 SF PER GALLON @ 50 MILS 150 SF PER GALLON @ 10 MILS
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### COLORS

CLEAR. CONSULT WITH SALES REP FOR ADDITIONAL COLORS AVAILABLE SUCH AS NATURAL, DK. GRAY, LT. GRAY, BEIGE, BLACK, CHARCOAL, OFF WHITE, TAN, TILE RED, WHITE, LT. BLUE, BLUE, BROWN & SAFETY YELLOW

### CURE SCHEDULE

POT LIFE (2 GAL)	15-25 MINUTES
TACK FREE (DRY TO TOUCH)	5-8 HOURS
RECOAT OR TOPOCAT	8-12 HOURS
LIGHT FOOT TRAFFIC	12-24 HOURS
FULL CURE (HEAVY TRAFFIC)	2-7 DAYS
APPLICATION TEMPERATURE	60-90 DEGREES F WITH RELATIVE HUMIDITY BELOW 85%

### PRIMERS

NONE REQUIRED

### TOPCOAT

AFTER BROADCASTING AGGREGATE INTO THE ARM139X, MANY SUITABLE TOPPING CAN BE USED. THIS WOULD INCLUDE PRODUCTS LIKE EPOXY MORTARS, TWO COMPONENT URETHANES OR NOVOLAC COATINGS. CHECK WITH YOUR SALES REPRESENTATIVE FOR APPLICATION DETAILS.

### CHEMICAL RESISTANCE

XYLENE	A
METHANOL	A
SKYDROL	A
10% SODIUM HYDROXIDE	D
50% SODIUM HYDROXIDE	D
10% SULFURIC ACID	C
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



Flexible Epoxy



Super Durable



Roll On Application



Multiple Colors



Zero VOC

### LIMITATIONS

Clarity of color or gloss may be affected by environmental conditions such as high humidity, low temperatures, or chemical exposure. Clarity of color may vary from batch to batch. Therefore, use only product from the same batch for an entire job when not intended solely as a primer. It is recommended that a broadcast application be performed with a subsequent topcoat system. This product is not intended as a decorative coating, but merely as a primer for bridging cracks in a broadcast system before topcoating. This product is not suitable in all chemical environments. When chemical exposure is imminent, a test should be performed to test suitability. Substrate temperature must be 5°F above dew point. All new concrete must be cured for at least 30 days prior to application. Applications with relative humidity above 85% or early water contamination may cause white discolorations to develop. Improper mixing may result in product failure. See reverse side for application instructions. Physical properties are typical values and not specifications. See reverse side for limitations of our liability and warranty.