



ARM110X

EPOXY MORTAR COMPLETE KIT

PRODUCT DESCRIPTION

ARM110X is a three component 100% solids epoxy mortar designed for applications where excellent wear characteristics and strength are required.

RECOMMENDED FOR: : Recommended for heavy traffic areas, forklift traffic and steel wheel equipment production areas.

NOT RECOMMENDED FOR: Immersion applications for acids and chemicals.

SPECS

SOLIDS BY WEIGHT	100%
VOLATILE ORGANIC CONTENT	< 3.5 G/L
RECOMMENDED THICKNESS	1/8" TO 1/4"
PACKAGING INFORMATION	1/4 UNIT = .11 CU/FT UNIT = .45 CU/FT BULK UNIT = 2.25 CU/FT
MIX RATIO	4 PART A: 1 PART B + AGGREGATE
SHELF LIFE	2 YEAR IN UNOPENED CONTAINERS
ABRASION RESISTANCE	EXCELLENT
VISCOSITY	PART A = 450-750 CPS, PART B = 290-500 CPS
DOT CLASSIFICATIONS	PART A & C "NOT REGULATED" PART B "CORROSIVE LIQUID N.O.S., 8, UN1760, PGIII"
FLEXURAL STRENGTH	15,150 PSI @ ASTM D790
COMPRESSIVE STRENGTH	11,150 PSI @ ASTM D695
TENSILE STRENGTH	6,800 PSI @ ASTM D638
ULTIMATE ELONGATION	4.65%
IMPACT RESISTANCE	EXCELLENT
HEAT DEFLECTION TEMP.	70.5 DEGREES C @ ASTM D648
WEATHERING	CHALKS

COVERAGE

PER UNIT	21.54 SQ. FT. @ 1/4" AND 43.1 SQ. FT. @ 1/8"
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COLORS

LIGHT GRAY, RED, DARK GRAY AND NATURAL

CURE SCHEDULE

POT LIFE (0.25 CU. FT. MIX)	30-40 MINUTES
RECOAT OR TOPCOAT	7-8 HOURS
LIGHT FOOT TRAFFIC	14-16 HOURS
FULL CURE (HEAVY TRAFFIC)	2-7 DAYS
APPLICATION TEMPERATURE	55-90 DEGREES F

PRIMERS

NONE REQUIRED

TOPCOAT

CONTACT YOUR SALES REPRESENTATIVE FOR PROPER TOPCOAT SYSTEM SELECTIONS.

CHEMICAL RESISTANCE

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

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.

LIMITATIONS

Color stability may be affected by environmental conditions such as high humidity or chemical exposure. Epoxy products are not UV color stable and may discolor if exposed to certain types of light such as sodium vapor lighting. Colors may vary from batch to batch due to variations in the silica filler. Mortar colors are not from our standard color chart. Substrate temperature must be 5° F above dew point. For chemical exposure areas, we recommend a suitable topcoat to reduce porosity and chemical migration. All new concrete must be cured for at least 30 days prior to application. See reverse side for application instructions. Test data based on neat resin. Physical properties are typical values and not specifications. See reverse side for limitations of our liability and warranty.