

ARM1784X

100% SOLIDS EPOXY - FLEXIBLE MEMBRANE COATING

PRODUCT DESCRIPTION

ARM1784X is a two component 100% solids epoxy designed for use underneath epoxy flooring systems for a seamless elastomeric membrane. The toughness and elongation eliminate the need to repair small static hairline cracks.

RECOMMENDED FOR: Recommended for coating concrete or cementitious substrates as a crack bridging sealer before application of epoxy topcoat systems.

SPECS

SOLIDS BY WEIGHT	100%
SOLIDS BY VOLUME	100%
VOLATILE ORGANIC CONTENT	0 LBS PER GALLON
RECOMMENDED THICKNESS	10-50 MILS
PACKAGING INFORMATION	3 GAL KIT / 15 GAL KIT
MIX RATIO	2 PARTS A : 1 PARTS B (2:1)
SHELF LIFE	1 YEAR IN UNOPENED CONTAINERS
ABRASION RESISTANCE	18.4 MG LOSS WITH A 1000 GRAM TOTAL LOAD AT 1000 REVOLUTIONS WITH A CS10 WHEEL.
VISCOSITY	PART A = 133 KREBS; PART B = 55 KREBS
DOT CLASSIFICATIONS	A: "NOT REGULATED" // B: "CORROSIVE LIQUID N.O.S., 8, UN1760, PGIII"
TENSILE STRENGTH	2,400 PSI
ELONGATION	100%
GARDNER VARIABLE IMPACTOR	160 INCH POUNDS DIRECT- PASSED
ADHESION	420 PSI @ ELCOMETER (CONCRETE FAILURE, NO DELAMINATION)
HARDNESS	SHORE D= 55

COVERAGE

PER GALLON	32-160 SQUARE FEET PER GALLON @ 10-50 MILS
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COLORS

CLEAR (GARDNER 1-3)

CURE SCHEDULE

POT LIFE (1.5 GAL VOLUME)	22-33 MINUTES
TACK FREE (DRY TO TOUCH)	5-9 HOURS
RECOAT OR TOPCOAT	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 90%

PRIMERS

NONE REQUIRED

TOPCOAT

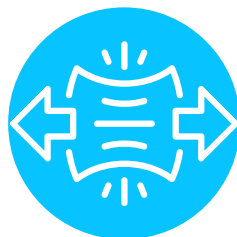
MANY SUITABLE TOPPING CAN BE USED. ALWAYS APPLY A TEST AREA TO CONFIRM THAT THE PRODUCTS ARE COMPATIBLE BEFORE APPLYING A TOPCOAT SYSTEM.

CHEMICAL RESISTANCE

XYLENE	B
METHANOL	B
SKYDROL	B
10% SODIUM HYDROXIDE	D
50% SODIUM HYDROXIDE	D
10% SULFURIC ACID	C
10% HC1 (AQ)	C
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.

FEATURES



Flexible Coating



Super Durable



Roll On Application

LIMITATIONS

Colors or gloss may be affected by high humidity, low temperatures, chemical exposure, or exposure to lighting such as sodium vapor lights. For best results use a high quality 3/8" nap roller. Slab on grade requires moisture barrier. Substrate temperature must be 5°F above dew point. All new concrete must be cured for at least 30 days. Physical properties are typical values and not specifications. Light or bright colors (white, safety yellow, etc.) may require multiple coats or a suitable color coordinated primer to achieve a satisfactory hide. Tire contact may cause staining and discoloration. Colors may vary from batch to batch, therefore, use only product from the same batch for an entire job. See reverse side for application instructions. See reverse side for limitations of our liability and warranty. *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 for subsequent colored topcoat systems. *This product is not suitable in all chemical environments. When chemical exposure is imminent, a test should be performed to test suitability. *Always apply a test patch to check compatibility for both the concrete substrate and any subsequently planned topcoat systems to determine suitability before using. *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 90% 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