TECHNICAL DATA SHEET

ARM820X
OIL STOP PRIMER

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PRODUCT DESCRIPTION

ARM820X is a two component solvent based epoxy coating that exhibits excellent characteristics for coating over petroleum based oil contaminated concrete. This product allows excellent substrate penetration which results in excellent adhesion and is an ideal primer for the oil contaminated concrete substrate.

RECOMMENDED FOR: Recommended for petroleum oil contaminated substrates. However, this product is not intended for use over vegetable oil, animal fat or synthetic oil contaminated concrete. This product can withstand exposure to many common solvents and chemicals.

SPECS

SOLIDS BY WEIGHT/VOLUME	Mixed= 71.5% (+,-2%)
SOLIDS BY VOLUME	Mixed= 63% (+,- 2%)
VOLATILE ORGANIC CONTENT	Mixed VOC < 330 g/L
RECOMMENDED FILM THICKNESS	5-8 mils per coat (wet thickness); 3-5 mils dry
PACKAGING INFORMATION	2 gallon and 10 gallon kits
MIX RATIO	1 part A to 1 part B by volume
SHELF LIFE	1 year in unopened containers
FINISH CHARACTERISTICS	Satin gloss (40-60 at 60 degrees @ glossmeter)
IMPACT RESISTANCE	Gardner Impact, direct= 50 in. lb (passed)
VISCOSITY	Mixed = 150-300 cps (typical)
TENSILE STRENGTH	4,800 psi @ ASTM D638
ULTIMATE ELONGATION	3.1%
FLEXIBILITY	No cracks on a 1/8" mandrel
DOT CLASSIFICATIONS	Part A "FLAMMABLE LIQUID N.O.S., 3, UN1993, PGIII" Part B "FLAMMABLE LIQUID N.O.S., 3, UN1993, PGIII"
ABRASION RESISTANCE	Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 37.0 mg loss

CHEMICAL RESISTANCE

Acetic Acid 5%	A
Xylene	B
Toluene	B
1,1,1 trichloroethane	A
MEK	A
Gasoline	B
10% Sodium Hydroxide	E
50% Sodium Hydroxide	D
10% Sulfuric	C
10% Hydrochloric acid	C
20% Nitric Acid	A
Ethylene Glycol	C

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.

COVERAGE

PER GALLON	200-320 square feet @ 5-8 mils wet thickness

COLORS

Black only

CURE SCHEDULE

POT LIFE (1.5 gal volume)	2-4 hours
TACK FREE (Dry to touch)	2-4 hours
RECOAT OR TOPCOAT	4-8 hours
LIGHT FOOT TRAFFIC	16-24 hours
FULL CURE (heavy traffic)	2-7 days
APPLICATION TEMPERATURE	55-90 degrees F

PRIMERS

None required

TOPCOAT

We recommend one (1) coat of ARM144X followed by two (2) coats of ARM321X in the same color as the ARM144X. Many other products are suitable as topcoats

FEATURES

Chemical Resistance

Penetrates Oil Stained Floors

Can Be Used with Other ArmorPoxy Coatings

Easy Mix Ratio

Roll On Application

LIMITATIONS

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 prior to application. Color may vary slightly from batch to batch. Always apply a test patch of the entire system prior to using to determine the suitability and adhesion characteristics. See reverse side for application instructions. Physical properties are typical values and not specifications. See reverse side for limitations of our liability and warranty.