

ARM344X

ULTRAFAST POLYASPARTIC COATING

PRODUCT DESCRIPTION

ARM344X is a solvent based two component 85% solids polyaspartic aliphatic urethane clear coating. ARM344X has excellent chemical resistance, hardness, abrasion resistance, UV stability and has an excellent clear gardner color. However, the outstanding feature of this product is its exceptionally quick tack free time of around 1-2 hours for foot traffic.

RECOMMENDED FOR: Recommended for areas where a thin/medium build clear coat is desired over a broadcast system and installation downtime is very limited. This product is suitable as a thin/medium build coating only.

SPECS

SOLIDS BY WEIGHT	85% (+/- 3%)
SOLIDS BY VOLUME	81% (+/-3%)
VOLATILE ORGANIC CONTENT	Less than 159 grams per liter
RECOMMENDED FILM THICKNESS	5-12 mils wet
PACKAGING INFORMATION	1.5 gallon kit, 3 gallon kit (net approximately)
MIX RATIO	2 Parts A to 1 Part B
SHELF LIFE	6 months in unopened containers
FINISH CHARACTERISTICS	Gloss (>70 at 60 degrees)
COMPRESSIVE STRENGTH	12,000 psi @ ASTM D695
TENSILE STRENGTH	3,900 psi @ ASTM D638
ULTIMATE ELONGATION	2.4%
HARDNESS	Shore D= 80
VISCOSITY	<1000 centipoise typical
DOT CLASSIFICATIONS	Part A "FLAMMABLE LIQUID N.O.S., 3, UN1993, PGIII" Part B Not Regulated
ABRASION RESISTANCE	Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles= 21 mg loss

COVERAGE

PER GALLON	133-320 square feet per gallon.
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COLORS

Clear - gardner color 1

CURE SCHEDULE

POT LIFE (150 g mass)	30-60 minutes (actual usable working time is approximately 5-10 minutes)
TACK FREE (Dry to touch)	1-3 hours
RECOAT OR TOPCOAT	2-4 hours
LIGHT FOOT TRAFFIC	3-5 hours
FULL CURE (heavy traffic)	24-48 hours
APPLICATION TEMPERATURE	50-90 degrees F with RH below 85%

PRIMERS

Use ARM144X or ARM015X. Many other ArmorPoxy products are suitable. Please contact your representative for more information.

TOPCOAT

None recommended

CHEMICAL RESISTANCE

Xylene	C
1,1,1 trichloroethane	B
MEK	A
Methanol	B
Ethyl alcohol	B
Skydrol	C
50% sodium hydroxide	E
10% sulfuric acid	C
10% HCl (aq)	C
5% acetic acid	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.

FEATURES



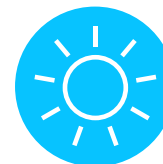
Chemical Resistance



Quick Drying



Super Durable



UV Stable



Roll On Application

LIMITATIONS

Due to the quick cure rate and dry time, it is suggested that the user obtain a sample and thoroughly evaluate the product before using. Samples are available upon request. Color stability may be affected by environmental conditions like high humidity/chemical exposure. Exposure to some types of lighting such as sodium vapor lights may cause discolorations. Test Data based on neat resin. Clarity of color may vary from batch to batch. Substrate temperature must be 5°F above dew point. Too thick of an application may result in surface imperfections, bubble generation or product failure. Always apply a test patch to determine product suitability and adhesion performance for your proposed application method and procedures. All new concrete must be cured for at least 30 days prior to application. Do not expose this product to water until fully cured. See reverse side for application instructions. Physical properties are typical values and not specifications. See reverse side for limitations of our liability and warranty.