

ARM322X

ARMORULTRA MILITARY GRADE TOPCOAT LOW VOC

PRODUCT DESCRIPTION

ARM322X is a two component polyester/aliphatic polyurethane coating that exhibits excellent characteristics for abrasion resistance, chemical resistance, flexibility, weathering, and UV stability. This product meets the VOC requirements for the newly enacted VOC laws of New York, Pennsylvania, New Jersey, and other states as an industrial maintenance coating **RECOMMENDED FOR:** auto service centers, warehouses, computer rooms, laboratories, aircraft hangers, cafeterias, exterior tanks, indoor or outdoor service and chemical exposures areas.

SPECS

SOLIDS BY WEIGHT	Mixed= 73% (colors); 64% (clear) (+/- 2%)
SOLIDS BY VOLUME	Mixed= 70% (colors); 60% (clear) (+/- 2%)
VOLATILE ORGANIC CONTENT	VOC content is less than 335 g/l (mixed)
RECOMMENDED FILM THICKNESS	3-5 mils per coat wet thickness (yields 2-3 mils dry)
PACKAGING INFORMATION	3 gallon and 15 gallon kits (volumes approximate)
MIX RATIO	2 Parts A to 1 Part B by volume
SHELF LIFE	1 year in unopened containers
FINISH CHARACTERISTICS	high-gloss (>70 at 60 degrees @ glossmeter)
IMPACT RESISTANCE	Gardner Impact, direct & reverse=160 in lb (passed)
FLEXIBILITY	No cracks on a 1/8" mandrel
ADHESION	350 psi @ elcometer (concrete failure, no delamination)
VISCOSITY	Mixed= 200-600 cps (typical)
HARDNESS	Shore D= 62
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 abrasor CS-17 calibrase wheel with 1000 gram total load and 500 cycles= 22.0 mg loss

COVERAGE

PER GALLON	320 to 500 square feet @ 3-5 mils wet thickness
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COLORS

White, off white, light gray, medium gray, tile red, beige, and clear

CURE SCHEDULE

POT LIFE (1.5 gal volume)	2-4 hours
TACK FREE (Dry to touch)	3-5 hours
RECOAT OR TOPCOAT	5-9 hours
LIGHT FOOT TRAFFIC	14-24 hours
FULL CURE (heavy traffic)	3-5 days
APPLICATION TEMPERATURE	45-90 degrees F with relative humidity below 90%

PRIMERS

Recommend ARM144X, ARM154VOC or ARM015X

TOPCOAT

None recommended

CHEMICAL RESISTANCE

Acetic Acid 5%	B
Xylene	D
MEK	A
Methyl Alcohol	B
Gasoline	D
10% Sodium Hydroxide	E
50% Sodium Hydroxide	D
10% Sulfuric	D
10% Hydrochloric Acid	C
20% Nitric Acid	B
Ethylene Glycol	D

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



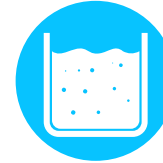
Chemical Resistance



Multiple Colors



Super Durable



Low VOC



Roll On Application

LIMITATIONS

Colors or clarity for clear may be affected by high humidity, low temperatures, or chemical exposure. 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. Light or bright colors (white, safety yellow, etc.) may require multiple coats or a suitable color coordinated primer to achieve a satisfactory hide. Colors may vary from batch to batch, therefore, use only product from the same batch for an entire job. Tire contact may cause discoloration or staining. Physical properties are typical values and not specifications. See reverse side for application instructions. See reverse side for limitations of our liability and warranty.