

# ARM321X

## ARMORULTRA MILITARY GRADE TOPCOAT

### PRODUCT DESCRIPTION

ARM321X is a two component polyester/aliphatic polyurethane floor sealer that exhibits excellent characteristics for abrasion resistance, chemical resistance, flexibility, weathering and UV stability.

**RECOMMENDED FOR:** Recommended for auto service centers, warehouses, computer rooms, laboratories, aircraft hangers, cafeterias, exterior tanks, indoor or outdoor service and chemical exposure areas.

### SPECS

SOLIDS BY WEIGHT	Mixed= 60% (colors); 56% (clear) (+,-2%)
SOLIDS BY VOLUME	Mixed= 53% (colors); 53% (clear) (+,-2%)
VOLATILE ORGANIC CONTENT	Less than 448 g/l
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
FINISH CHARACTERISTICS	High gloss (>80 at 60 degrees @ glossmeter)
IMPACT RESISTANCE	Gardner Impact, direct & reverse = 160 in. lb. (passed)
FLEXIBILITY	No cracks on a 1/8" mandrel
ADHESION	360 psi @ elcometer (concrete failure, no delamination)
VISCOSITY	Mixed = 200-400 cps (typical, most colors)
HARDNESS	Shore D = 72
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 = 20.0 mg loss

### COVERAGE

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

### COLORS

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

### CURE SCHEDULE

POT LIFE (1.5 gal volume)	2-5 hours
TACK FREE (Dry to touch)	2-4 hours
RECOAT OR TOPCOAT	4-8 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 ARMX143 OR 144, ARMX154 or ARMX015

### TOPCOAT

None recommended

### CHEMICAL RESISTANCE

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



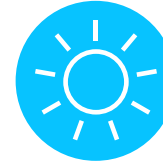
Chemical Resistance



Multiple Colors



Super Durable



UV Stable



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.