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# ARM356X

## ARMORULTRA HIGH PERFORMANCE MILITARY GRADE 1 PART TOPCOAT

### PRODUCT DESCRIPTION

ARM356X is a one component moisture cured polyurethane (HDI based) floor coating/sealer that exhibits superior characteristics for abrasion resistance and chemical resistance. This product has good UV stability.

**RECOMMENDED FOR:** Recommended for showrooms, garage floors, warehouses, laboratories, cafeterias, and most indoor chemical exposure areas with regard to concrete or cement.

### SPECS

SOLIDS BY WEIGHT	65% (+/- 3%)
SOLIDS BY VOLUME	60% (+/- 3%)
VOLATILE ORGANIC CONTENT	Less than 329 g/l
RECOMMENDED FILM THICKNESS	3-5 mils per coat wet thickness
PACKAGING INFORMATION	1 gallon, 5 gallon and 55 gallon containers
MIX RATIO	One component product
SHELF LIFE	3 months in unopened containers
FINISH CHARACTERISTICS	High gloss >70 at 60 degrees
IMPACT RESISTANCE	Gardner Impact, direct & reverse= 100 in. lb. (passed)
FLEXIBILITY	No cracks on a 1/8" mandrel
VISCOSITY	Less than 200 cps (typical)
HARDNESS	2H
DOT CLASSIFICATION	"FLAMMABLE LIQUID N.O.S, 3, UN1993, PGIII"
ADHESION	360 psi @ elcometer (concrete failure, no delamination) (applied over ARM154X clear primer)
ABRASION RESISTANCE	Taber abrasor CS-17 calibrase wheel with 1000 gram total load and 500 cycles= 4.4 mg loss

### COVERAGE

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

Clear (gardner 1)
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### CURE SCHEDULE

POT LIFE (1 gal volume)	3-5 hours
TACK FREE (Dry to touch)	4-7 hours
RECOAT OR TOPCOAT	9-13 hours
LIGHT FOOT TRAFFIC	13-24 hours
FULL CURE (heavy traffic)	3-5 days
APPLICATION TEMPERATURE	50-90 degrees F with relative humidity between 60% and 90%

### PRIMERS

Recommended ARM154X CLEAR
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### TOPCOAT


None recommended
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### CHEMICAL RESISTANCE

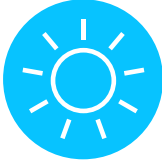
Acetic Acid 5%	C
Xylene	E
MEK	B
Methyl Alcohol	B
Gasoline	D
10% Sodium Hydroxide	E
50% Sodium Hydroxide	D
10% Sulfuric	D
10% Hydrochloric Acid	D
20% Nitric Acid	C
Ethylene Glycol	D

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




**One Component Product**




**UV Stable**



**Super Durable**



**Scratch Resistant**



**Roll On Application**

### LIMITATIONS

Clarity, gloss or color may be affected by high humidity, low temperatures, chemical exposure, tire contact 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. Use a suitable primer if recoating after 24 hours, then the surface must be deglossed before the application. Surface irregularities are possible over smooth basecoats and re-coats. Contact your sales associate for recommendations. The concrete and joints must be thoroughly dry prior to application. Applying the product thicker than recommended may result in product failure. Applications in direct sunlight, high humidity or high temperatures may cause surface curing before suitable air release has occurred. Physical properties are typical values and not specifications. See reverse side for application instructions. See reverse side for limitations of our liability and warranty