

## ARM359X

# ARMORULTRA LOW VOC CLEAR 2-PART TOPCOAT

### PRODUCT DESCRIPTION

ARM359X is a three component aliphatic urethane floor finish that exhibits excellent characteristics for abrasion resistance, chemical resistance, flexibility, weathering and UV stability.

**RECOMMENDED FOR:** auto service centers, warehouses, computer rooms, laboratories, aircraft hangers, cafeterias, and some chemical exposure areas.

### SPECS

SOLIDS BY WEIGHT	Mixed = 93%
SOLIDS BY VOLUME	Mixed = 92% (+,-2%)
VOLATILE ORGANIC CONTENT	Less than 95 grams per liter (for colors or clear mixed)
PACKAGING INFORMATION	1 gallon kits (1 pint part A) with (0.70 gallons part B) and (3.0# part C.)
MIX RATIO	1.08# part A with 6.45# part B and 3.0# part C
SHELF LIFE	6 months in unopened containers.
FINISH CHARACTERISTICS	Semi-gloss/eggshell (typical gloss is 20-40 @ 60 degrees)
IMPACT RESISTANCE	Gardner Impact = 160 in. lb. (passed)
FLEXIBILITY	No cracks on a 1/8" mandrel
ADHESION	adhesion should exceed 300 psi @ elcometer (concrete failure, no delamination)
VISCOSITY	Mixed liquids A/B = 1000-2000 cps (typical)
ABRASION RESISTANCE	Taber abrasor CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 15-20 mg loss
DOT CLASSIFICATIONS	Part A "NA1993, COMBUSTIBLE LIQUID N.O.S., 3, PG III" Part B "ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., UN3082, 9, PGII,"

### PRIMERS

Apply a suitable basecoat. For thin mil systems, we recommend ARM015X in clear for clear ARM359X or in a color that matches the color pack for the ARM359X when colored. For a high build color system, we recommend ARM707X in a matching color for the intermediate coat.

### CHEMICAL RESISTANCE

Acetic Acid 5%	C
MEK	B
Gasoline	D
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.

### COVERAGE

PER KIT (Colored)	600 square feet per gallon (a gallon kit + pigment = approximately 1.1 gallons and yields 660 square feet actual coverage per colored kit.
PER KIT (Clear)	600 square feet per gallon kit

### COLORS

Opaque clear/amber clear with color options using our urethane color packs. The colorants may be added at the ratio of 1 pint per gallon kit of the ARM359X product. However, the colorants may not impart a total hide over dissimilar colored basecoats and therefore, a basecoat must be applied in the same color before applying this product. Color packs available for this product line are white, off white, light gray, medium gray, charcoal gray, tile red, tan, light blue and blue. The clear is not suitable as a topcoat over colored systems

### CURE SCHEDULE

POT LIFE (1 gal volume)	1-2 hours (Max time to apply)
TACK FREE (Dry to touch)	3-6 hours
RECOAT OR TOPCOAT	6-10 hours
LIGHT FOOT TRAFFIC	14-24 hours
FULL CURE (heavy traffic)	3-5 days
APPLICATION TEMPERATURE	50-90 degrees F with relative humidity between 50% and 90%

### TOPCOAT

None required. We do not recommend multiple coats of this product or other topcoats.

### FEATURES



**Weather  
Resistant**



**Multiple  
Colors**



**Super  
Durable**



**Low VOC**



**Roll On  
Application**

### LIMITATIONS

Color or gloss may be affected by humidity, temperatures, chemical exposure, application thickness, 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 Tire contact may cause staining and discoloration Colors may vary from batch to batch, therefore, use only product from the same batches for an entire job. See reverse side for application instructions. See reverse side for limitations of our liability and warranty. Do not use if relative humidity is below 25% Material has to be applied at the recommended thickness per gallon uniformly for proper appearance and development of physical properties. The epoxy basecoat must be abraded/de-glossed for proper adhesion.