

ARM459X

ARMORULTRA LOW VOC CLEAR 2-PART TOPCOAT LIQUIDS ONLY

PRODUCT DESCRIPTION

ARM459X is a two 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/VOLUME	89% / 88%
VOLATILE ORGANIC CONTENT	LESS THAN 100 G/L FOR COLORS AND LESS THAN 106 G/L FOR CLEAR
PACKAGING INFORMATION	1/4 GAL UNITS, 1 GAL UNITS, 4 GAL UNITS
SHELF LIFE	6 MONTHS IN UNOPENED CANS
MIX RATIO	1.08# PART A WITH 6.45# PART B (WEIGHTS APPROXIMATE)
FINISH	GLOSS
ABRASION RESISTANCE	TABER ABRASOR CS-17 CALIBRASE WHEEL WITH 1000 GRAM TOTAL LOAD AND 500 CYCLES = 20-25 MG LOSS
IMPACT RESISTANCE	GARDNER IMPACT = 160 IN. LB. (PASSED)
FLEXIBILITY	NO CRACKS ON A 1/8" MANDREL
ADHESION	300 PSI @ ELCOMETER ON PROPERLY PREPARED EPOXY BASECOAT
VISCOSITY	MIXED LIQUIDS A/B = 1000-2000 CPS
DOT CLASSIFICATIONS	PART A "NA1993, COMBUSTIBLE LIQUID N.O.S., 3, PG III" PART B" ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., UN3082, 9, PGIII,"

COVERAGE

PER GALLON	500-600 SF PER GALLON. CLEAR WILL YIELD LESS. COLORS WILL YIELD MORE
-------------------	---

COLORS

AMBER CLEAR. COLOR TINT PACKS AVAILABLE IN BLACK, BROWN, CHARCOAL, DK. GRAY, DESERT TAN, LT. BLUE, LT. GRAY, MED. GRAY, OFF WHITE, TAN, TILE RED, KHAKI TAN, WHITE

CURE SCHEDULE

POT LIFE (1 GAL)	1-2 HOURS
TACK FREE (DRY TO TOUCH)	3-6 HOURS
RECOAT OR TOPOCAT	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 50-90%

PRIMERS

FOR THIN MILS SYSTEM USE ARM013X/ARM015X OR ARM 144X. FOR BUILT UP SYSTEMS USE PRIMER IN ADDITION TO ARM707X/ARM139X/ARM181X

TOPCOAT

WE DO NOT RECOMMEND MULTIPLE COATS OF THIS PRODUCT OR OTHER TOPCOATS.

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.

FEATURES



Chemical Resistance



Super Durable



Roll On Application



Multiple Colors



Low Odor/VOC

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 35% 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.