

ARM707X

ARMORULTRA HIGH BUILD 100% SOLIDS EPOXY

PRODUCT DESCRIPTION

ARM707X is a two component 100% colored solids epoxy coating designed for applications where a high build colorfast impact resistant floor is needed.

RECOMMENDED FOR: Recommended for a high build topcoat or basecoat on concrete or masonry. Product is suitable in many chemical exposure environments.

SPECS

SOLIDS BY WEIGHT	100%
SOLIDS BY VOLUME	100%
VOLATILE ORGANIC CONTENT	Less than 2 g/l
RECOMMENDED FILM THICKNESS	12-30 mils
PACKAGING INFORMATION	3 gallon kits, 15 gallon kits
MIX RATIO	2 Parts A to 1 Part B
SHELF LIFE	1 year in unopened containers
FINISH CHARACTERISTICS	Gloss (70-95 at 60 degrees @ glossmeter)
COMPRESSIVE STRENGTH	9,100 psi @ ASTM D695 - 1/2 "X 1/2" bars
FLEXURAL STRENGTH	5,400 psi @ ASTM D790
ADHESION	450 psi @ elcometer (Concrete failure, no delamination)
VISCOSITY	Mixed = 1300-2300 cps (typical, most colors)
HARDNESS	Shore D = 80
TENSILE STRENGTH	4,800 psi @ ASTM D638
ULTIMATE ELONGATION	3.1%
GARDNER VARIABLE IMPACTOR	50 inch pounds direct - passed
DOT CLASSIFICATIONS	Part A not regulated Part B CORROSIVE LIQUID N.O.S., 8, UNI1760, PGIII
ABRASION RESISTANCE	Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 32 mg loss

COVERAGE

PER GALLON	53-130 square feet per gallon @ 12-30 mils
------------	--

COLORS

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

CURE SCHEDULE

POT LIFE (1.5 gal volume)	30-50 minutes
TACK FREE (Dry to touch)	5-8 hours
RECOAT OR TOPCOAT	8-12 hours
LIGHT FOOT TRAFFIC	12-14 hours
FULL CURE (heavy traffic)	2-7 days
APPLICATION TEMPERATURE	60-90 degrees F with relative humidity below 85%

PRIMERS

Recommended ARM015X, ARM144X or other suitable primer coats

TOPCOAT

Optional. For added resistance use ARM321X

CHEMICAL RESISTANCE

Xylene	C
Trichloroethylene	B
Methanol	A
Ethyl Alcohol	B
Skydrol	B
10% Sodium Hydroxide	E
50% Sodium Hydroxide	D
10% Sulfuric Acid	C
70% Sulfuric Acid	A
10% HC1 (aq) C	C
5% Acetic Acid	B

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



0% VOCs



Roll On Application

LIMITATIONS

Color stability or gloss may be affected by environmental conditions such as high humidity, low temperatures, chemical exposure or exposure to certain types of lighting such as sodium vapor lights. Colors may vary from batch to batch. Therefore, use only product from the same batch for an entire job. This product is not UV color stable and may discolor when exposed to UV lighting. Otherwise, the color stability of this product is good. Therefore, a topcoat is optional and dependent on the environment. Light or bright colors may require a suitable primer or topcoat to achieve a satisfactory hide. Substrate temperature must be 5°F above dew point. All new concrete must be cured for at least 30 days prior to application. Apply a suitable primer before using this product as a coating. See reverse side for application instructions. Physical properties are typical values and not specifications. See reverse side for limitations of our liability and warranty.