

ARM013X

ARMORULTRA FAST SET PRIMER

PRODUCT DESCRIPTION

ARM013X is a two component water based epoxy coating that exhibits excellent characteristics that rival solvent based products. ARM013X has good chemical resistance, abrasion resistance, and substrate penetration. This product has a tack free time of about 2-5 hours and can support traffic in as little as 6-12 hours.

RECOMMENDED FOR: Priming or coating concrete, wood or masonry.

SPECS

SOLIDS BY WEIGHT	43%
SOLIDS BY VOLUME	40%
DOT CLASSIFICATIONS	Not regulated
RECOMMENDED FILM THICKNESS	5 -7 mils per coat wet thickness (yields 2-3 mils dry)
PACKAGING INFORMATION	2 gallon and 5 gallon kits (volume approx.)
MIX RATIO	4 Parts A to 1 Pat B
SHELF LIFE	1 year in unopened containers
FINISH CHARACTERISTICS	Gloss (>60 @ 60 degrees @ glossmeter)
IMPACT RESISTANCE	Gardner Impact, direct = 50 in.lb. (passed)
FLEXIBILITY	No cracks on a 1/8" mandrel
ADHESION	425 psi @ elcometer (concrete failure, no delamination)
VISCOSITY	400-900 cps
VOLATILE ORGANIC CONTENT	1.2 pounds per gallon (mixed) (regulatory VOC = 250g/l)
ABRASION RESISTANCE	Taber abrasor CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 45 mg loss

COVERAGE

PER GALLON	250 to 300 square feet @ 5-7 mils wet thickness
------------	---

COLORS

Clear Only NOTE: The clear is not water clear and is not suitable for topcoating over previously color coated floors. The clear is suitable as a primer or concrete sealer only.

CURE SCHEDULE

POT LIFE (1 gal volume)	2 hours
TACK FREE (Dry to touch)	2-4 hours
RECOAT OR TOPCOAT	4-6 hours
LIGHT FOOT TRAFFIC	6-12 hours
FULL CURE (heavy traffic)	2-5 days
APPLICATION TEMPERATURE	55-90 degrees F with relative humidity below 75%

PRIMERS

None required

TOPCOAT

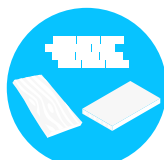
Optional - Many products are suitable as topcoats. For added chemical resistance, color stability or UV stability, use with build coat ARM707X and/or topcoat such as ARM321X/ARM322X

CHEMICAL RESISTANCE


Acetic Acid 5%	B
Xylene	B
MEK	A
Gasoline	B
10% Sodium Hydroxide	C
10% Sulfuric	B
10% Hydrochloric Acid	B
20% Nitric Acid	A

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




**Concrete/Wood/
Masonry**




Fast Drying



**Super
Durable**



**Easy to
Install**



**Roll On
Application**

LIMITATIONS

Color or gloss may be affected by humidity, low temperatures, chemical exposure, or sodium vapor lighting. Product will yellow in the presence of UV light. For best results use a 1/4 or 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. Product color will vary from batch to batch. Use only product from same batch for an entire job. Improper mixing or too thick of an application may result in product failure. Physical properties listed on this technical data sheet are typical values and not specifications. See reverse side for application instructions. See reverse side for limitations of liability & warranty