

ARM343X

FAST SET EPOXY PATCH

PRODUCT DESCRIPTION

ARM343X is a 2 component urethane, concrete repair product. Its low viscosity allows for deep substrate penetration resulting in permanent repair of sound and still concrete.

RECOMMENDED FOR: Industrial repairing of spalled concrete, pop-outs, holes, and cracks

NOT RECOMMENDED FOR: Expansion Joints.

SPECS

SOLIDS BY WEIGHT/VOLUME	100%
ELONGATION	5-6%
VOLATILE ORGANIC CONTENT	5.5 g/l
RECOMMENDED THICKNESS	Can be applied at variable thickness
SHELF LIFE	1 year in unopened containers
MIX RATIO	1 Part A to 1 Part B
ABRAISON RESISTANCE	Excellent
IMPACT RESISTANCE	Excellent
COMPRESSIVE STRENGTH	8,710 psi @ ASTM D695
SHORE D HARDNESS	71
VISCOSITY	Less than 30cps typical
DOT CLASSIFICATIONS	Part A "not regulated" Part B "not regulated"
TENSILE STRENGTH	4,500 PSI
COMPRESSIVE STRENGTH	4,400 (as a slurry with aggregate sand)
BOND STRENGTH	Neat - 3800 psi w/sand 9000 psi
PACKAGING INFORMATION	*Small patch kit consisting of a ½ pint of part A, ½ pint part B and ½ gallon (approx. 6.2#) of blended sand - packaged in gallon pail. *Large patch Kit consisting of 1 pint part A, 1 pint part B and 1 gallon (approx. 12.4#) of blended sand - packaged in a 2 gallon pail.

COVERAGE

Per Kit	Will vary depending on thickness applied
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COLORS

Neutral

CURE SCHEDULE

POT LIFE (2 Gallon Volume)	1-5 Minutes
TACK FREE (Dry to touch)	5-10 Minutes
RECOAT/TOPCOAT	1 Hour
LIGHT FOOT TRAFFIC	15-20 Minutes
FULL CURE (heavy traffic)	1 Hour
APPLICATION TEMPERATURE	20-90 degrees F

PRIMERS

None required

TOPCOAT

None required. Many of ArmorPoxy's epoxies and urethanes are compatible.

FEATURES



Can Be Used with
Other ArmorPoxy
Coatings



Impact
Resistant



Super Fast Drying



Recoat/Topcoat
Immediately



Easy Mix Ratio

LIMITATIONS

Because of the quick cure time for this product, it is best to work with one small area at a time. Typical working time after the three components are mixed according to directions is about 1-3 minutes. Color stability may be affected by environmental conditions such as UV light, high humidity or chemical exposure. Product is not UV color stable. Product may discolor if exposed to certain types of light such as sodium vapor lighting. Final cured product colors may vary from batch to batch and be influenced by silica aggregate when used. Substrate temperature must be 50 F above dew point. All new concrete must be cured for at least 30 days prior to application. When applying material in cold areas, make sure the surface is clean and dry. Also, it is best to keep the material and aggregate sand at normal room temperature before mixing or use. See reverse side for application instructions. Test data based on neat resin unless otherwise noted. Physical properties are typical values and not specifications. See reverse side for limitations of our liability and warranty.



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PLEASE NOTE THIS PRODUCT IS SUPER FAST DRYING. ONLY MIX UP THE AMOUNT YOU CAN APPLY IMMEDIATELY AFTERWARDS

PRODUCT DESCRIPTION

The ArmorPoxy Fast Set Epoxy Patch Kit is a 3-component kit of special, fast-curing A & B resin and aggregate. All three components get mixed together to form a 'mortar' that gets applied to fill cracks, holes, spalling, fissures, and any other concrete irregularity.

PREPARATION

All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate. For repair of spalled concrete, a stiff wire brush can be used to remove all loose concrete. After wire brushing the spalled area, remove all loose dust and debris with an industrial vacuum.

MIXING

Mix only an amount of material that **can be used in 1 minute if mixing by hand**. The product has a 1:1 liquid mix ratio by volume. Mix the liquids (½ pint part A and ½ pint part B) for 15 seconds and immediately add in the ½ gallon blended aggregate and remix.

APPLICATION

Immediately after the three components are mixed, (Product has a very short pot life), place the material into the area to be repaired with a trowel or other suitable equipment. Finally, trowel the floor to smooth out the area and remove any excess material. Allow the material to cure for ten to twenty minutes before foot traffic. For heavy equipment such as fork trucks, allow the material to cure for a half hour to an hour before using area that has been patched.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.