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# AGARM343X

## COVE BASE KIT — EPOXY MORTAR

## PRODUCT DESCRIPTION

AGARM343X is a three component 100% solids epoxy mortar designed for cove base surface applications. This product has specially selected aggregate and ingredients to provide easy construction of cove bases with the use of a marginal trowel or cove base tools.

**Recommended for:** Any type of cove base application. Immersion applications for all acids and chemicals. Creates a seamless, sanitary transition from floor to wall required by Health Departments in food processing and handling areas, industrial production areas.

| 100% Solids | Self-Priming | Health Code Compliant | Acid & Chemical Immersion | Easy Trowel Apply |
|---|---|---|---|---|

## TECHNICAL DATA

| Property | Value | Property | Value |
|---|---|---|---|
| **SOLIDS BY WEIGHT:** | 100% | **MIX RATIO:** | 2 Part A : 1 Part B + Aggregate |
| **VOC CONTENT:** | < 1 g/L | **SHELF LIFE:** | 1 year unopened |
| **REC. THICKNESS:** | 1/8”-1/4" minimum | **ABRASION RESISTANCE:** | Excellent |
| **VISCOSITY:** | Part A: 2,200–2,700 cps Part B: 200–300 cps | **IMPACT RESISTANCE:** | Excellent |
| **FLEXURAL STR:** | 15,000 psi @ ASTM D790 | **COMPRESSIVE STR:** | 14,575 psi @ ASTM D695 |
| **TENSILE STR:** | 9,200 psi @ ASTM D638 | **ELONGATION:** | 3.1% |
| **HEAT DEFLECTION:** | 62.25°C @ ASTM D648 | **WEATHERING:** | Chalks |
| **COLORS:** | Natural, Lt Gray, Dk Gray, Red | **PACKAGING:** | 1/2 Unit (18 lbs) Unit (36 lbs) |

## COVERAGE

Per 18 lb kit: yield is **1.25 lbs per lineal foot** of cove (approximately 30 lineal feet for a 4” cove). Coverage will vary based on cove height and thickness.

## CURE SCHEDULE

| Stage | Time |
|---|---|
| Pot Life (0.25 cu ft mix) | 25–30 minutes |
| Recoat or Topcoat | 6–10 hours |
| Light Foot Traffic | 8–10 hours |
| Full Cure (heavy traffic) | 2–3 days |
| Application Temperature | 50–99°F |

## CHEMICAL RESISTANCE

| Chemical | Rating | Chemical | Rating |
|---|---|---|---|
| Xylene | **C** | 10% Sodium Hydroxide | **E** |
| 1,1,1 Trichloroethane | **C** | 50% Sodium Hydroxide | **E** |

| | | | |
|---|---|---|---|
| MEK | **B** | 10% Sulfuric Acid | **C** |
| Methanol | **A** | 70% Sulfuric Acid | **A** |
| Ethyl Alcohol | **C** | 10% HCl (aq) | **C** |
| Skydrol | **B** | 5% Acetic Acid | **B** |

**Rating Key:** A – Not recommended | B – 2-hr splash/spill | C – 8-hr splash/spill | D – 72-hr immersion | E – Long-term immersion.

## PRIMERS / TOPCOAT

**Primer:** None required — self-priming with liquids only. Apply liquids as primer only and allow to get tacky then trowel on cove mortar.

**Topcoat:** Any ArmorGarage epoxy floor coating system can be used.

## LIMITATIONS

Color stability may be affected by environmental conditions such as high humidity, chemical exposure, or UV exposure. Colors may vary batch to batch due to silica filler variations. Mortar colors are not from standard color chart. Substrate temp must be 5°F above dew point. For chemical exposure areas, use a suitable topcoat. New concrete must cure 30+ days. Physical properties are typical values, not specifications.

## PRODUCT STORAGE

Store product at normal room temperature before using. Continuous storage should be above 55°F to prevent product crystallization.

## SURFACE PREPARATION

All dirt, oil, dust, foreign contaminants and laitance must be removed. For concre floors diamond grind or acid etching, Etch should properly profile the substrate. All edges and around columns/beams should be mechanically scarified.

## PRODUCT MIXING

**Important: Mix the liquids together first.** Mix Part A and Part B in an oversized container thoroughly and until streak free. After the liquids are thoroughly mixed, add in the aggregate. Mix with slow speed equipment such as a jiffy mixer or rotating bucket/stationary mixing blade assembly. Ensure the aggregate is thoroughly wetted out. No induction time necessary. Improper mixing may result in product failure.

## PRODUCT APPLICATION

Apply mixed material using a marginal trowel, cove base trowel, or any suitable application equipment at a minimum **1/8" thickness**. Do not over-trowel as this may cause isolated blisters. Maintain temperatures within recommended ranges during application and curing.

## RECOAT OR TOPCOATING

No recoating or topcoating is necessary. However, if you opt to topcoat the applied mortar, allow it to cure overnight before topcoating. Cove mortar should be rock hard and and leve no indent when fingernail pressed into it..

## CLEANUP / CLEANING / RESTRICTIONS

**Cleanup:** Use xylene, mineral spirits, xylol.

**Floor Cleaning:** Some cleaners may affect color. Test each cleaner in a small area first.

**Restrictions:** Restrict use to light traffic and non-harsh chemicals until fully cured. Keep floor dry for full cure cycle.

## NOTICE TO BUYER: DISCLAIMER OF WARRANTIES

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 is not a representation or warranty. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE THAT OUR PRODUCT SHALL BE MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE. Our liability is limited to the net selling price or replacement of our product, at our option.

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.

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