

PRODUCT DESCRIPTION

Akona® Polymer-Modified Concrete Resurfacer is a special acrylic polymer-modified cement used to resurface spalled and/or damaged interior and exterior concrete surfaces such as steps, sidewalks, patios, and garage floors. Can be applied in a flowable consistency using a squeegee or in a stiffer consistency using a trowel. Develops a tough bond and dries to a concrete gray color. It may be trowel or broom finished and is designed for applications from ¼ in. (6 mm) down to ⅛ in. (3 mm).

WHEN/WHERE TO USE

- Interior/exterior concrete
- Steps, patios, garage floors
- Renew concrete surfaces

ADVANTAGES

- Polymer modified
- Trowel or broom
- Just add water, mix, and use

AVAILABLE SIZES

- 10 lb. (4.5 kg) bag (BOM #102641)
- 25 lb. (11 kg) bag (BOM #102642)

COVERAGE

1 sq. ft. per lb. at ⅛ in. thickness
(0.09m² per 0.45 kg at 3 mm)

PREPARATION

Read all directions before starting work. Remove all loose or unsound materials. Thoroughly clean surface to remove dirt, dust, grease, and all other contaminants before patching, topping, or placing overlays. Pressure cleaning with a concrete cleaner is advisable. All cracks or depressions greater than ¼ in. (6 mm) deep should be repaired with Akona Vinyl Cement Patch at least three days prior to resurfacing. Minor blemishes (less than ¼" deep) may be repaired with Polymer Modified Concrete Resurfacer mixed to a trowelable consistency 2-4 hours before

applying overlay. Surfaces should be rougher than light broom finish to ensure proper bond adhesion. For best results, apply to clean surface with a concrete surface profile texture between CSP 4 and CSP 6 as referenced in the International Concrete Repair Institute (ICRI) Technical Guideline No 310-2. Mechanical methods such as shotblasting, scarifying, grinding, or sanding can be used to create surface texture. **PRE-WET SURFACE JUST PRIOR TO APPLICATION OF PRODUCT WITH NO RESIDUAL WATER POOLING.**

MIXING

Add approximately 1½ pt. (0.71 L) of clean, cool water per 10 lb. (4.5 kg) of powder, or 3¾ pt. (1.77 L) per 25 lb. (11 kg). Always add powder to liquid to avoid lumps. Mix mechanically with mortar paddle on drill, or by hand. Avoid high speed mechanical mixing which can entrap air into the mixture. A 5-gallon pail can work well as a mixing container, you can also use it to pour the mixture onto the surface being covered. Be sure to mix well to achieve a uniform consistency until a stiff, pourable consistency is reached. Excessive additional water will reduce adhesion and long term durability of Polymer-Modified Concrete Resurfacer. Do not use any additives, mix with water only. Mix only the quantity that can be applied within 20 minutes.

APPLICATION

For best results, do not apply in direct sunlight or on hot, windy days, or when temperatures drop below 50°F (10°C) within 48 hours of application. Surface must be completely dampened with no pooling water. Apply to a uniform thickness of ⅛ - ¼ in. (3 - 6 mm) with a flat trowel or squeegee applying some pressure to ensure proper bond. Color variation can occur when applied at uneven thicknesses, especially if it is paper thin in high points and thicker in low points. Do not apply over control or expansion joints. A technique of alternating between spreading with a squeegee and smoothing with a 24 in. drywall knockdown knife works well. Wetting the trowel blade will aid in smoothing. If possible, divide work areas into sections no larger than 100-140 sq. ft. (9.29-13 m²). This product develops initial set in approximately 10-20 minutes depending on temperature and humidity.



WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN

Complete troweling or broom finish as soon as possible. To build up the application thickness, use additional layers after each layer sets (2-4 hours depending on temperature and humidity). Allow to set at least 4 hours before exposure to rainfall. Keep traffic off of surface for a minimum of 12 hours. If desired, water-based sealers may be used per their manufacturer's instructions.

CLEAN UP

Typically water will satisfactorily clean tools after using. If the material has begun to harden, warm soapy water may be helpful for cleaning hands and tools. Dried material requires mechanical removal.

IMPORTANT NOTES

- Rubber gloves and goggles are recommended safety equipment
- Do not add any materials other than clean potable water
- Use only clean mixing container and tools
- Store in tightly closed container off the floor in a dry place

Proper application and installation of all AKONA products are the responsibility of the end user.



Helpful Items:





POLYMER-MODIFIED CONCRETE RESURFACER

Special acrylic polymer-modified resurfacing cement

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WARNING

Always read the product SDS and cautionary statements on product container prior to application. Wear proper protective gear as advised on the label and/or SDS. Wash hands thoroughly with warm, soapy water after handling or before eating. Do not take internally. KEEP OUT OF REACH OF CHILDREN.

WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that, Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

ENVIRONMENTAL ADVISORY

Uncured or crushed cured cement is an environmental hazard, which may adversely affect fish and wildlife. Dispose of construction debris containing cement, including empty bags, at a permitted municipal disposal firm. Do not use crushed concrete as a fill near an aquatic habitat.