

PRODUCT DESCRIPTION

Akona® Vinyl Cement Patch is ideally suited for repairing concrete surfaces with minor imperfections, for example, steps, sidewalks, driveways, patios, curbs, walls, and floors. This product contains unique polymers to give it a higher bond strength than that of conventional concrete. Designed for applications from feather-edge to ½ in. (13 mm) per application. For resurfacing large areas, use Akona Polymer-Modified Concrete Resurfacer.

WHEN/WHERE TO USE

- Interior and exterior repairs
- Steps and sidewalks
- Walls or floors
- Patios
- Driveways

ADVANTAGES

- Superior bond
- High strength / polymer-modified
- Trowelable to feather edge
- Just add water, mix, and use

AVAILABLE SIZES

- 10 lb. (4.5 kg) bag (BOM # 102633)
- 25 lb. (11 kg) bag (BOM # 102634)
- 40 lb. (18 kg) bag (BOM # 104452)

COVERAGE

- 1 sq. ft. per lb. at ¼ in. thickness (0.09m² per 0.45 kg at 3 mm)

TECHNICAL DATA

Estimated Compressive Strength	
1 Day	2,000 psi min.
3 Days	2,000 to 4,000 psi min.
28 Days	5,000 psi min.

PREPARATION

Read all directions before starting work. Remove all loose or unsound materials. Thoroughly clean surface of dirt, dust, grease, or other contaminants before

Helpful Items:



patching, topping, or placing overlays. Smooth troweled or dense concrete surfaces must be etched or roughened to ensure proper bond adhesion. **Surface should be saturated with water, leaving no puddling, just prior to placement.**

MIXING

Mix with clean, cool water only, no bonding additive is needed. Always add powder to liquid to avoid lumps. Mix to a uniform consistency by hand or use a mechanical mixer until a putty-like consistency is reached. Avoid high speed mechanical mixing which can entrap air into the mixture. Mix only the amount that can be applied in 30 minutes.

Approximate Water Requirements	
10 lb. bag	1½ pints (0.7 L) of water
25 lb. bag	3¾ pints (1.8 L) of water
40 lb. bag	6 pints (2.8 L) of water

APPLICATION

Only apply to surfaces that are frost free and above 40°F (4°C) and below 100°F (38°C) within 24 hours of application and 48 hours thereafter. Do not apply in direct sunlight on hot, windy days, or when rain is forecasted within 24 hours. To reduce shrinkage and cracking, build up in layers of ½ in. (13 mm). Additional layers can be applied after 24 hours. **Vinyl Cement Patch is not intended for use as resurfacer.** Clean the surface of the trowel often with water and use a "light touch" when finishing the surface. Do not over trowel. If a textured finish is desired, brush in one direction with a soft-bristled brush or broom while patch is still soft. Cover surface with wet burlap or towel overnight to retain moisture. Remove covering and allow to air cure. Protect the surface from use until patch is completely hard and set. On average, supports foot traffic in 1 day, wheeled traffic in 3 days



WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN

depending upon humidity and temperatures.

CLEAN UP

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

FOR BEST RESULTS

- 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.

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,



VINYL CEMENT PATCH

Ideally suited for repairs to damaged concrete applications

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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 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.