

## PRODUCT DESCRIPTION

Rapid Patch® Concrete Refinisher is a fast-setting patching material for concrete pavement, curbs, steps, block, and all other interior or exterior concrete surfaces. The convenient zip-pouch package is designed with the do-it-yourselfer in mind for smaller repair projects. Just add water and mix in the bag to create a workable mixture with excellent bonding characteristics. Trowel apply over existing concrete surfaces from a feather edge to 2" (5 cm) thickness to refinish the appearance of concrete surfaces. It can be shaved or molded to required shape.

## WHEN/WHERE TO USE

- For fast, easy repairs to small areas
- Vertical, overhead, and horizontal repairs
- Interior or exterior
- When high early strength and fast setting is required
- For patching masonry blocks, curbs, steps, sidewalks, formed and precast concrete walls, pipes, or other concrete surfaces

## ADVANTAGES

- Easy to mix and handle (minimal clean-up)
- Can be shaved and sanded to shape
- High strength and excellent durability
- Fast-setting patching and refinishing
- Excellent freeze/thaw and salt resistance properties
- Excellent low shrink properties
- Can use all or part and store remaining dry mix for later use

## AVAILABLE SIZE

- 3 lb.(1.4 kg) zip pouch (BOM #104563)

## YIELD

Approximately 0.03 cu. ft. of material

## SURFACE PREPARATION

Read all directions before starting work. Remove all debris, unsound concrete

### Helpful Items:



and previous patching material from area. Dampen area with clean water prior to application. Do not leave puddles or standing water.

## MIXING OF PRODUCT

### Mix Entire Bag:

1. Tear bag open by notches on sides.
2. Add 1¼ cups (10 oz./0.3 L) of clean water gradually and mix with trowel (included).
3. May add up to ¾ cup (6 oz./0.18 L) of additional clean water, as needed.
4. Squeeze pouch to remove excess air.
5. Zip pouch closed & knead bag for about 3 minutes until a lump-free consistency is achieved.

### Mix ½ of Bag:

1. Remove ½ of bag (1 lb./0.45 kg) and place in small mixing container.
2. Add ½ cup (4 oz./0.12 L) of clean water to container gradually and mix with trowel.
3. May add up to ¼ cup (2 oz./0.06 L) of additional clean water, as needed.
4. Mix for 3 minutes until a lump-free consistency is achieved.
5. Zip bag with the remainder of dry product and store for later use.

## APPLICATION

Apply only to surfaces that are frost free and between 40°F-100°F (4°C-38°C) within 24 hours of application and 72 hours thereafter, and when rain is not expected for 24 hours. Use included trowel to apply product to vertical, overhead and horizontal concrete surfaces in a single pass thickness between feather-edge and 2" (5 cm) using pressure to force material into position. Please note that material may be prone to slump off of vertical and overhead surfaces when placed thicker than 1½ in. (3.8 cm) in one lift. Once the material has been placed and achieves initial set (about 10-12 minutes), use a trowel to shave or shape the material to the surrounding surface.

Cold weather conditions below 45°F (7.2°C) can extend the set time of the product. Heating of the concrete repair area before and after placement and using warm water for mixing may assist in increasing the rate of strength gain. In warm weather conditions, materials and concrete surfaces that are hot may reduce the working time of the product.



Keeping water and material cool should assist in maintaining open time.

## CURING

Refrain from using curing/sealing compounds over patching materials for a minimum of two weeks. Under hot and windy conditions, all concrete tends to lose moisture unevenly and may develop plastic shrinkage cracks.





# Rapid Patch<sup>®</sup> Concrete Refinisher Pouch

Fast setting patching material for concrete surfaces in a convenient easy-mix package

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## 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

- Use clean water for mixing.
- Clean trowel frequently during application.
- Do not over-work or over-trowel
- As with all cementitious materials, avoid contact with aluminum to prevent adverse chemical reactions and possible product failure



*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, 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.

### Akona<sup>®</sup> Rapid Patch<sup>™</sup> Concrete Refinisher Data

Tests Performed	Typical Values
Pot Life @ 70° F (21° C)	20 Minutes
Initial Set @ 70° F (21° C)	8-10 Minutes
Final Set @ 70° F (21° C)	20 Minutes
Drying Time Before Shaving Patch	10 Minutes
<b>Compressive Strength, psi (ASTM C109)</b>	
3 hours	2,750 psi (193 kg/cm <sup>2</sup> )
1 day	5,530 psi (389 kg/cm <sup>2</sup> )
7 day	6,630 psi (466 kg/cm <sup>2</sup> )
28 day	8,740 psi (614 kg/cm <sup>2</sup> )
<b>Flexural Strength, psi (ASTM C348)</b>	
4 hours	270 psi (19 kg/cm <sup>2</sup> )
1 day	300 psi (21 kg/cm <sup>2</sup> )
7 day	400 psi (28 kg/cm <sup>2</sup> )
28 day	500 psi (35 kg/cm <sup>2</sup> )

<b>Shelf Life</b>	Minimum 12 months in original, unopened
<b>Storage Conditions</b>	Store dry in tightly sealed original factory
<b>Color</b>	Gray

**WARNING: INJURIOUS TO EYES**

**KEEP OUT OF REACH OF CHILDREN**