

VINYL CONCRETE PATCHER

PRODUCT NO. 1133

DIVISION 3

Maintenance of Concrete
03 01 00

PRODUCT DESCRIPTION

QUIKRETE® Vinyl Concrete Patcher is a high-strength polymer modified repair material for making thin structural repairs to concrete surfaces.

PRODUCT USE

QUIKRETE® Vinyl Concrete Patcher is designed to make thin repairs to spalled, cracked or pitted concrete floors, driveways, sidewalks, steps or any other horizontal concrete surface. QUIKRETE® Vinyl Concrete Patcher is a very versatile product that can be used indoors or outdoors, is easy to apply and can be feather-edged to old concrete or masonry. It has good durability and toughness. It bonds excellently to clean, structurally sound concrete without the need for a bonding agent. QUIKRETE® Vinyl Concrete Patcher has excellent resistance to ultraviolet light and heat, has good color retention and is self-curing. No additional bonding agent or additive is needed with this product.

SIZES

- QUIKRETE® Vinyl Concrete Patcher -
 - 50 lb (22.7 kg) pails
 - 40 lb (18.2 kg) bags
 - 20 lb (9.1 kg) pails
 - 10 lb (4.5 kg) pails

YIELD

- Each 40 lb (18.2 kg) bag yields approximately 0.36 cu ft (10 L).

TECHNICAL DATA

APPLICABLE STANDARDS

ASTM International - ASTM C387 Standard Specification for Packaged, Dry, Combined Materials for Mortar and Concrete

PHYSICAL/CHEMICAL PROPERTIES

QUIKRETE® Vinyl Concrete Patcher meets or exceeds the compressive strength requirements of ASTM C387 for high strength mortars.

Typical compressive strengths are:

> 3000 psi (20.7 MPa) at 7 days

> 5000 psi (34.5 MPa) at 28 days

Bulk Density: 128 pcf (2050 kg/m³).

INSTALLATION

SURFACE PREPARATION

Remove loose particles and foreign matter and sweep areas to be patched. Smooth surfaces must be roughened. Thoroughly wash



the areas to be patched with water or with QUIKRETE® Concrete and Asphalt Cleaner (#8601). Rinse thoroughly, and then remove any standing water.

MIXING

Mix approximately 7 parts of QUIKRETE® Vinyl Concrete Patcher to 1 part clean water by volume. Gradually stir in water. Adjust water or powder amount as necessary to achieve a thick, workable blend. Caution - Too much water will produce a weaker product. Mix only that amount of Vinyl Concrete Patcher that can be applied in 30 minutes.

APPLICATION

- Apply only when the temperature of the surface is above 40 degrees F (4 degrees C) for 24 hours
- Dampen area to be patched with clean water but do not leave puddles
- Apply with a steel trowel
- Work some of the material into the surface first, then over fill the depression and strike off with a trowel until the patch is even with the surrounding area
- Keep trowel clean to prevent sticking
- After application, clean tools immediately with water

CURING

Under hot, dry or windy conditions, keep the patch moist for 24 hours by covering with polyethylene film. Product will support foot traffic in 1 day. Allow 3 days for wheeled traffic.

PRECAUTIONS

- For patching use only. Not for use as a concrete resurfacer. If a sidewalk or driveway needs to be completely resurfaced, use

QUIKRETE® Concrete Resurfacer (#1131-40) or QUIKRETE® Sand Mix (#1103) with QUIKRETE® Concrete Acrylic Fortifier (#8610) added

- Apply at thick trowelable consistency only. Do not use more than the recommended amount of water. Increased water content may result in excessive shrinkage and cracking
- For deeper repairs on vertical surfaces, it may be necessary to apply in layers of 1/4" (6.4 mm)
- Do not use when temperatures are expected to drop below 40 degrees F (4 degrees C) in the first 24 hours
- In hot, dry or windy conditions, damp cure for at least 24 hours
- Not for use in cracks less than 1/8" (3.2 mm) wide and not to be used in expansion or control joints
- Do not apply to oil contaminated or previously painted surfaces
- Mix only with water. Do not use with Concrete Acrylic Fortifier, Concrete Bonding Adhesive or other bonding agents

WARRANTY

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE® Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

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