

FASTSET™ REPAIR MORTAR – ZIP AND MIX

PRODUCT NO. 1241-15

DIVISION 3

Maintenance of Concrete
 03 01 00

PRODUCT DESCRIPTION

QUIKRETE® FastSet™ Repair Mortar is a multi-purpose polymer-modified, rapid setting, high strength repair material for horizontal, vertical and overhead structural repairs. FastSet™ Repair Mortar can be sculpted to match the contour of existing concrete surfaces.

PRODUCT USE

QUIKRETE® FastSet™ Repair Mortar demonstrates low sag, making it ideal for vertical or overhead repairs. This product can be built up to at least 2" (51 mm) in one application. Its unique properties allow the user to actually sculpt the material during application. Use to repair concrete cracks, curbs, steps, pre-stressed panels, pipe, tunnels, sewers, loading docks, silos, retaining walls, culverts, catch basins, decorative moldings, bridge columns, parapet walls, septic tanks, cold storage vaults, virtually any vertical or overhead concrete surface.

SIZES

- QUIKRETE® FastSet™ Repair Mortar – 3 lb (1.36 kg) mixing pouch

YIELD

- Each 3 lb (1.36 kg) bag of QUIKRETE® FastSet™ Repair Mortar will yield approximately 0.03 cu ft (0.85 L) of material.

TECHNICAL DATA

APPLICABLE STANDARDS

- ASTM International
- ASTM C109/C109M Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)

PHYSICAL/CHEMICAL PROPERTIES

Typical test results for QUIKRETE® FastSet™ Repair Mortar, when tested in accordance with applicable ASTM Test Methods, are shown in Table 1.

TABLE 1 TYPICAL PHYSICAL PROPERTIES

Compressive strength, ASTM C109 modified	
28 days	4500 psi (31.3 MPa)
Working Time	20 Minutes

INSTALLATION

SURFACE PREPARATION

- Remove all spalled areas, as well as areas of unsound concrete and previous patching materials



- Holes should be chipped out to create a new sound substrate
- Holes should be dampened with clean water before patching. No puddles of water should be left in the hole

MIXING

- 1) Unzip closure and break protective seal
- 2) Add 10 oz (1 ¼ cups / 300 ml) of clean water
- 3) Squeeze pouch to remove excess air, then zip pouch closed and knead the bag for 3 minutes until a lump-free consistency is achieved.
 - If material is too stiff, add 2 teaspoons (10 ml) of water and mix for an additional minute. If material is too fluid, allow to sit for 5 minutes then knead briefly.
- 4) Un-zip pouch and apply FastSet™ Repair Mortar
 - Do not re-temper with additional water
 - Avoid getting material into the zipper seal

APPLICATION

Repair mortar should be trowel applied to a damp surface. Apply a thin layer with heavy trowel pressure and then go back and build up to the desired thickness. After initial set, the material may be trimmed and shaped to match the contours of the existing patch area.

CURING

No special curing procedures are required under normal conditions. In hot, dry or windy conditions, keep the patch covered and damp for at least 24 hours. Protect from freezing for 24 hours.

PRECAUTIONS

- Do not use if temperatures are below 40°F (4°C) or are expected to go below 32°F (0°C) or above 100°F (38°C) within a 24 hour period. Use cold water in hot weather or hot water in cold weather to achieve desired product temperature.
- Avoid getting material into the zipper seal
- Mix no more material than can be used in 15 minutes

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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** Refer to www.quikrete.com for the most current technical data, MSDS, and guide specifications*

