

FASTSET™ REPAIR MORTAR

ZIP AND MIX

PRODUCT No. 1241-15

DIVISION 3

03 01 00 Maintenance of Concrete
03 31 00 Structural Concrete

PRODUCT DESCRIPTION

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

PRODUCT USE

QUIKRETE® FastSet™ Repair Mortar demonstrates low sag properties, making it ideal for vertical or overhead repairs. This product can be built up to at least 1-1/2 in (38 mm) in one application. Its unique properties allow the user to 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, or virtually any vertical or overhead concrete surface.

SIZES

QUIKRETE® FastSet™ Repair Mortar is available in:

- 3 lb (1.36 kg) Zip and Mix Pouch

YIELD

- Each 3 lb (1.63 kg) bag of QUIKRETE® FastSet™ Repair Mortar will yield approximately 46 in³ (0.75 L) of material.

TECHNICAL DATA

APPLICABLE STANDARDS

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

PHYSICAL/CHEMICAL

Typical results obtained for QUIKRETE® FastSet™ Repair Mortar, when tested in accordance with the referenced ASTM test methods, are shown in Table 1.

TABLE 1 TYPICAL PHYSICAL PROPERTIES

Working Time	Approximately 20 minutes
Compressive Strength, ASTM C109 (Modified)	
Age	PSI (MPa)
28 days	4500 (41.0)

INSTALLATION

SURFACE PREPARATION

Remove all spalled areas and areas of unsound concrete. All surfaces should be clean and free of foreign substances. Saturate repair area with clean water before patching to ensure SSD condition. No standing water should be left in the repair area.



MIXING

Unzip closure and break protective seal. Add 10 fl oz (300 mL) of potable water. Squeeze pouch to remove excess air, avoid getting material into the zipper seal. Then zip pouch closed and knead the bag for a minimum of 3 minutes until a lump free consistency is achieved. If material is too stiff, add 2 teaspoons (10 ml) of water and mix an additional minute. If the material is too fluid, allow it to sit for 5 minutes and then knead briefly. Once material is the proper consistency, un-zip pouch and apply the material

APPLICATION

QUIKRETE® FastSet™ 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, or apply QUIKRETE® Acrylic Concrete Cure and Seal (No. 8730). Protect from freezing for 24 hours.

PRECAUTIONS

- Mix no more than can be used in 15 minutes.
- Do not apply as a coating.
- 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.
- For best results, do not overwork the material or re-temper with additional water after initial mixing.

SAFETY

IMPORTANT: Read Safety Data Sheet carefully before using. **WEAR IMPERVIOUS GLOVES**, such as nitrile, mask, and eye protection.

DANGER: Causes severe skin burns and serious eye damage. Prolonged or repeated inhalation of dust may cause lung damage or cancer.

KEEP OUT OF REACH OF CHILDREN

WARRANTY

NOTICE: Obtain the applicable **LIMITED WARRANTY** at www.quikrete.com/product-warranty or send a written request to The Quikrete Companies, LLC, Five Concourse Parkway, Atlanta, GA 30328, USA. Manufactured by or under the authority of The Quikrete Companies, LLC. © 2022 Quikrete International, Inc.