

FASTSET™ STUCCO MIX

PRODUCT No. 1139-56

PRODUCT DESCRIPTION

QUIKRETE® FastSet™ Stucco Mix is a fast setting, fiber reinforced, portland cement-based stucco requiring only the addition of water.

PRODUCT USE

QUIKRETE® FastSet™ Stucco Mix is designed for use as the scratch and/or brown coat in a 3-coat stucco application, or the first coat in a 2-coat application. QUIKRETE® FastSet™ Stucco Mix has a working time of 45 minutes and is formulated to provide crack resistance, minimal shrinkage, high compressive strengths, and improved durability.

SIZES

- 50 lb (22.6 kg) bags

YIELD

- Each 50 lb (22.6 kg) bag of QUIKRETE® FastSet™ Stucco Mix will yield approximately 0.5 ft³ (14.4 L) of mixed plaster. Coverage will be approximately 16 ft² (1.5 m²) per 50 lb (22.6 kg) bag at a 3/8 in (9.5 mm) thickness.

TECHNICAL DATA

APPLICABLE STANDARDS

- ASTM C109 Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)
- ASTM C191 Standard Test Method for Time of Setting of Hydraulic Cement by Vicat Needle
- ASTM C926 Standard Specification for Application of Portland Cement-Based Plaster

PHYSICAL/CHEMICAL PROPERTIES

Typical results obtained for QUIKRETE® FastSet™ Stucco Mix, when tested in accordance with the referenced ASTM Test Methods, are shown in Table 1.

TABLE 1 TYPICAL PHYSICAL PROPERTIES

Setting Time, ASTM C191	
Final	60 to 90 minutes
Compressive Strength, ASTM C109 (Modified)	
Age	PSI (MPa)
6 hours	750 (5.1)
24 hours	1200 (8.3)
28 days	2500 (17.2)

DIVISION 9

09 24 00 Portland Cement
 Plastering



INSTALLATION SURFACE PREPARATION

Proper surface preparation is essential to the successful application of QUIKRETE® FastSet™ Stucco Mix. All surfaces must be clean, structurally sound, and free of any loose or foreign materials. Installation of wire mesh or lath and building paper shall be in accordance with ASTM C926 and local building codes.

MIXING

QUIKRETE® FastSet™ Stucco Mix can be hand mixed or machine mixed in a paddle type mortar mixer. Add approximately 6-3/4 pints (3.2 L) of potable water per 50 lb (22.6 kg) bag to the mixer or mixing container. Slowly pour contents of the bag(s) into the mixing water. Mix for 2 to 3 minutes until a firm, trowelable consistency is achieved. If more water is needed to achieve a workable consistency, add small amounts at a time up to an additional 1-1/4 pints (0.6 L). Excessive addition of water will delay setting, reduce strength, and delay the ability to paint. Prepare only enough mix as can be applied in 45 minutes after mixing.

APPLICATION

QUIKRETE® FastSet™ Stucco Mix is intended for use over code approved galvanized expanded metal lath or solid bases such as masonry, cast-in-place, or pre-cast concrete. Installation over these surfaces shall be in accordance with ASTM C926 and local building codes. QUIKRETE® FastSet™ Stucco Mix may be applied with a trowel or sprayer according to typical stucco techniques. QUIKRETE® FastSet™ Stucco Mix can be painted using a water based latex paint. Follow the paint manufacturers recommendation for application time. Only water-based coatings are recommended.

Applying the Scratch Coat

Trowel the scratch coat onto the lath or mesh, working from bottom to top. The scratch coat should be minimally 3/8 inch (9.5 mm) thick. Force it through the wire mesh so that it fills the gap 1/4 inch (6.3 mm) between the mesh and wall completely. Smooth the scratch coat with a trowel. After the scratch coat has set enough to be firm but not hard, use a rake to scratch horizontal grooves approximately 1/8 inch (3.2 mm) deep across the face of the base coat mortar. If the brown coat is not being applied within several hours of the scratch coat having hardened sufficiently, proceed with moist curing the scratch coat per the instructions below.

Applying the Brown Coat

Dampen the surface of the scratch coat with a fine spray of water (do not soak). Use a trowel to apply the brown coat to a minimum thickness of 3/8 inch (10 mm). Do the entire wall section in one work session, otherwise a difference in color may be noted through the finish coat. Screed the brown coat evenly by running the edge of a straight edge or rod over the brown coat and smoothing out the high and low spots. After the brown coat has lost its sheen, float it smooth.

CURING

Keep moist to minimize cracking. Typical moist curing requires a fine mist of water three hours after application and a secondary misting after three additional hours. Mist applications should be increased for hot, dry, sunny, or windy conditions. Care must be exercised to avoid erosion damage to plaster surfaces when dampening. For typical scratch then brown-coat applications, which do not have significant interruption between the coats, moist curing is not required between the coats. If the application sequence is interrupted by more than a few hours, the existing coat should be dampened prior to application of the successive brown or finish stucco coat. Stucco should not be dampened before painting.

Note - QUIKRETE® Finish Coat Stucco [White (No. 1201) or Gray (No. 1202)] can be applied over QUIKRETE® FastSet™ Stucco Mix after application of the QUIKRETE® FastSet™ Stucco Mix has set hard. If the brown coat application of QUIKRETE® FastSet™ Stucco Mix is dry, the surface should be evenly dampened with water prior to the application of QUIKRETE® Finish Coat Stucco.

PRECAUTIONS

- Mix no more than can be placed in 45 minutes after mixing.
- Do not apply when temperatures are expected to fall below 40 °F (4 °C) within a 24-hour period.
- Do not apply when temperatures are above 100 °F (38 °C).
- Do not apply when rain is expected within 2 hours after application.
- The final color of QUIKRETE® FastSet™ Stucco Mix, like other cementitious materials, may vary due to water addition, application techniques, and environmental conditions.
- Paint only using a water-based latex paint. Only water-based coatings are recommended. Elastomeric coatings are preferred.

SAFETY

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

DANGER: Causes sever 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.