

WALL FLOAT

PRODUCT No. 153-50, -76

PRODUCT DESCRIPTION

Wall Float is a leveling mortar designed for vertical and overhead applications. Wall Float consists of uniformly blended mixture of portland cement meeting ASTM C150/C595, hydrated lime meeting ASTM C206/C207, graded sand meeting ASTM C144, and proprietary ingredients and requires only the addition of water.

PRODUCT USE

Wall Float is a contractor grade, pre-blended mortar mix used to level properly prepared wood walls with metal lath meeting ASTM C847 and concrete or masonry substrates prior to setting travertine, slate, marble, and ceramic tile. Wall Float is nominally proportioned according to ANSI A108.1A.1.3.1.

SIZES

Wall Float is available in the following bag sizes:

- 50 lb (22.6 kg) bags
- 75 lb (34 kg) bags

YIELD

- A 50 lb (22.6 kg) bag yields approximately 0.44 ft³ (12.5 L)
- A 75 lb (34 kg) bag yields approximately 0.66 ft³ (18.7 L)

TECHNICAL DATA

APPLICABLE STANDARDS

- ASTM C144 Standard Specification for Aggregate for Masonry Mortar
- ASTM C150 Standard Specification for Portland Cement
- ASTM C206 Standard Specification for Finishing Hydrated Lime
- ASTM C207 Standard Specification for Hydrated Lime for Masonry Purposes
- ASTM C595 Standard Specification for Blended Hydraulic Cements
- ASTM C847 Standard Specification for Metal Lath
- ANSI 108.1A Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar
- ANSI 108.1B Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex Portland Cement Mortar
- ANSI 108.1C Contractors Option: Installation of Ceramic Tile in the Wet-Set Method with Portland Cement Mortar or Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex Portland Cement Mortar

PHYSICAL/CHEMICAL PROPERTIES

Wall Float is nominally proportioned according to ANSI A108.1A.1.3.1.

INSTALLATION

SURFACE PREPARATION

Consult current ANSI A108.1 specifications. ANSI requires lath and water barrier for applications over wood and other non-masonry surfaces.

DIVISION 9

09 24 00 Portland Cement
Plastering



MIXING

Wall Float can be mechanically mixed in a paddle-type mortar mixer. Choose the mixer size most appropriate for the size of the job to be done. Allow at least 1 ft³ (28.3 L) of mixer capacity for each 75 lb (34 kg) bag of Wall Float to be mixed at one time. For each 50 lb (22.6 kg) bag of Wall Float to be mixed, add approximately 8 pt (3.8 L) of potable water to the mixer. For each 75 lb (34 kg) bag of Wall Float to be mixed, add approximately 12 pt (5.7 L) of potable water to the mixer. After the water is added, turn on the mixer and begin slowly adding the contents of the bag(s) into the mixer. If more water is needed, add small amounts at a time and continue to mix until the desired consistency is achieved. For overhead applications, use less water for an appropriately stiffer consistency. Wall Float may also be hand mixed using a suitable mixing container and a shovel, rake, or hoe. Do not exceed 10 pt (4.7 L) of water per 50 lb (22.6 kg) bag or 15 pt (7 L) of water per 75 lb (34 kg) bag for either mixing method.

To improve bond strength, replace half of the mixing water with QUIKRETE® Concrete Acrylic Fortifier (No. 8610) and mix as described above. Alternatively, coat substrate with QUIKRETE® Concrete Bonding Adhesive (No. 9902). Allow the Bonding Adhesive to dry before proceeding.

NOTE: *Acrylic Fortifier and Concrete Bonding Adhesive must NOT be used in the same application.*

APPLICATION

Consult current ANSI A108.1 specifications.

CURING

Curing is an important step in the application of Wall Float. Proper curing increases the strength and durability and poor curing can ruin an otherwise well-done project. Proper water content and temperature are essential for good curing. In near freezing temperatures, the hydration process slows considerably. When conditions are too hot, dry, or windy, water is lost by evaporation from the repair and hydration stops, resulting in finishing difficulties and cracks. The ideal circumstances for curing are ample moisture and moderate temperature and wind conditions. Curing should start as soon as possible and should continue for a period of 5 days in warm weather at minimum 70 °F (21 °C) or higher, or for 7 days in colder weather at 50 °F to 70 °F (10 °C to 21 °C).

PRECAUTIONS

- For Vertical and Overhead use only
- Allow Wall Float to set for 24 hours prior to application of thin-set.
- Do not apply when weather is forecast to be above 100 °F (38 °C) or below 40 °F (4 °C) within 24 hours without adopting required hot or cold weather precautions.
- Cold Weather: In cool weather use warm water to speed the setting time. Protect from freezing for 48 hours.
- Hot Weather: Work in cool parts of the day and use cold water to slow down the setting time. Keep concrete or masonry substrates damp prior to application.

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.