



CEMENT & CONCRETE PRODUCTS™

WALL FLOAT

PRODUCT NOS. 153-50, -76

PRODUCT DESCRIPTION

Wall Float is a leveling mortar designed for vertical and overhead applications over tile lath or concrete masonry for tile, marble, brick or veneer installations using the conventional and thin-set method.

PRODUCT USE

Wall Float is a mixture of washed and graded sand meeting ASTM C 144, *Standard Specification for Aggregate for Masonry Mortar*, Type S Lime meeting ASTM C 207, *Standard Specification for Hydrated Lime for Masonry Purposes*, and Portland cement, Type I-II-V that conforms with ASTM C 150, *Standard Specification for Portland Cement*.

FEATURES & BENEFITS

- Increases labor efficiency
- Convenient and economical
- Can be hand or gun applied
- For interior or exterior use
- Requires only the addition of water
- Proportioned in accordance with ANSI A108.1a.1.3.1
- Excellent for applications with difficult access

SIZES

- #153-50: 50 lb (22.7 kg) bags
- #153-76: 75 lb (34 kg) bags

YIELD

- 50 lb (22.7 kg) bags – 0.44 cubic feet
- 75 lb (34 kg) bags – 0.66 cubic feet

For example, each 50 lb (22.7 kg) bag of Wall float will yield approximately 40 square feet (3.7 M²) at 1/8" (3 mm) thick.

TECHNICAL DATA

- ASTM International
 - ASTM C 144, *Standard Specification for Aggregate for Masonry Mortar*
 - ASTM C150, *Standard Specification for Portland Cement*
 - ASTM C 207, *Standard Specification for Hydrated Lime for Masonry Purposes*
- American National Standards Institute – ANSI A108.1a.1.3.1

DIVISION 9

Portland Cement
Plastering



INSTALLATION ADMIXTURES

To improve bond strength, replace half of the mixing water with QUIKRETE Concrete Acrylic Fortifier (#8610) and mix as described below. Alternatively, coat substrate with QUIKRETE Concrete Bonding Adhesive (#9902). Allow the Bonding Adhesive to dry before proceeding. Refer to ANSI A108.1B and C.

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

MIXING

QUIKRETE® Wall Float can be hand mixed or machine-mixed with a paddle-type mortar mixer.

Hand Mixing

- Empty Wall Float bag(s) into a suitable mixing container.
- Add initial water.
- Work the mix with a shovel, rake or hoe.

Machine Mixing

QUIKRETE® Wall float can be mixed in a paddle-type mortar mixer. Choose the mixer size most appropriate for the size of the job. Allow at least 1 cu ft (28 L) of mixer capacity for each 75 lb (34 kg) bag of QUIKRETE® Wall float to be mixed at one time.

- Add initial water to the mixer.
- Turn on the mixer and begin adding bags of Wall float to the mixer.

Water Quantities

- For each 75 lb (34 kg) bag of QUIKRETE® Wall float to be mixed, add approximately 6 quarts (5.7 L) of fresh water.
- For each 50 lb (22.7kg) bag of QUIKRETE® Wall float to be mixed, add approximately 4 quarts (3.8 L) of fresh water.
- Add additional water as needed to obtain a workable plastic-like consistency.
- For ceiling application, use less water for an appropriately stiffer consistency.

Note – Do not exceed a total volume of 8 quarts (7.6 L) for each 75 lb (34 kg) bag or 5.5 quarts (5.2 L) for each 50 lb (22.7 kg) bag. Do not leave standing puddles.

APPLICATION

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

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 - 70°F (10 - 21°C).

PRECAUTIONS

- For walls and ceilings only.
- Allow Wall Float to set for 24 hours prior to application of mortar or 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. Do not apply when temperatures are below 40° F (4° C). 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 the wall damp prior to application. Do not apply when temperatures are above 100° F (38° C).

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 under the authority of The Quikrete Companies, LLC. © 2018 Quikrete International, Inc.

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