



Tivoli Stone Base™

Technical Bulletin

Description:

Tivoli Stone Base is a proprietary mixture of Portland Cement, Lime, fiber and proprietary additives. Tivoli Stone Base is factory blended and packaged in paper bags.

Uses:

Use when a premium product is desired. Tivoli Stone Base is applied over woven wire, metal lath, prepared concrete masonry and other approved substrates. It is recommended that a scratch and brown method (3/4" - 7/8") is used for stucco applications. Tivoli Stone Base can also be used as a one coat stucco, surface leveler, decking material and brown coat for tile applications.

Color:

Natural gray

Packaging:

80 lb. (36.24 kg.) paper sack

Coverage:

Approximate coverages are as follows:

- 80 lbs. Tivoli Stone Base to 240 lbs. sand @ 1/2" thick= 80 ft.²
 - 80 lbs. Tivoli Stone Base to 240 lbs. sand @ 5/8" thick= 64 ft.²
 - 80 lbs. Tivoli Stone Base to 280 lbs. sand @ 3/4" thick= 60 ft.²
 - 80 lbs. Tivoli Stone Base to 280 lbs. sand @ 7/8" thick= 50 ft.²
- (coverage will vary depending on substrate)

Mixing:

To begin, place 3 gallons of potable water and 2 gallons of Tivoli Stone Admix into a mechanical mixer. Add 240 lbs. of ASTM C144 sand for one coat application, 280 lbs. sand for scratch and brown application or use applicable UBC or local code for sand requirements. Add 1 bag of Tivoli Stone Base. Add remaining water and mix for 4-5 minutes. If using for decking material or in indoor tile applications mix 280-300 lbs. of sand.

Limitations:

Use Tivoli Stone Base when surface and ambient conditions are above 40°F and below 100°F during application and cure time. Expansion joints or control joints are required every 144 ft.² unless architect or engineer specifies otherwise. Tivoli Stone Base is not a finish product. Weather conditions may affect drying time and workability.

Surface Preparation:

Woven wire and metal lath must be securely fastened to wall assembly. Surfaces must be clean and free of bond-inhibiting materials. Use Tivoli Stone Bonder when applicable. Surfaces must be clean and free of bond-inhibiting materials such as dirt, dust, rust, grease, oil, efflorescence, mildew, fungus, form-release

agents, or any other contaminants. Remove and repair any loose paint, mortar, stucco, concrete or masonry by shot-blasting, water-blasting, sand-blasting, scraping or using a wire brush. Water or sand blasting may be required when using as a restoration product.

Application:

It is recommended that Tivoli Stone Base is applied at 3/4" thick as a scratch and brown over 17 gauge woven wire or 3.4 metal lath if using one of the Tivoli Stone finishes. Apply brown coat within 2-3 days after scratch coat. Tivoli Stone Base can be applied at a minimum thickness of 1/2", not to exceed 5/8" for a one coat application. To achieve a 1/2"-5/8" thick coat apply in two coats in the same day using a double back method. Enough material should be applied to cover all lathing and surfaces uniformly. There should not be more than a 1/8" variance within a 6 ft. span with either application. Always work to a wet edge to avoid cold joints.

Curing/Drying:

Tivoli Stone Base must be kept moist for at least 48 hours. Start light fogging after initial set, 1-2 hours. Fully cured in 28 days.

Clean Up:

Clean tools and equipment with

water immediately after use.

First Aid:

SKIN CONTACT: Wash thoroughly with soap and water.

EYE CONTACT: Flush immediately with water for 10-15 minutes and contact a physician.

Spills:

Sweep up with a broom. If mixed scrape up and wash with water immediately.

Disposal:

Dispose of in accordance with local, state or federal regulations.

Warning:

KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY.

Prop 65:

This product contains materials listed by the state of California as known to cause cancer, birth defects, or other reproductive harm.

Technical Support:

For technical support call 1-602-352-0888 for specific recommendations concerning other applications of Ultra-Base.

Information contained in this

Technical Bulletin conforms to the standard detail recommendations and specifications for the installations of Tivoli Stone products as of the date published on this document. Volterra Architectural Products LLC Inc. assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To insure that you are using the latest, most current information, contact Volterra Architectural Products LLC.

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