

OVERVIEW

Terravertine is a lime based natural plaster, for use on most interior surfaces. Terravertine can be finished as a smooth or textured polished finish. The smooth finish leaves the surface with variable degrees of sheen dependant on the level of surface burnishing. A sense of depth is achieved through the polished light and shade effect. The textured finish allows for unique effects and styles to be achieved through various application methods. A combination of smooth and textured finish, applied in panels, provides for a dramatic and elegant finish. Terravertine can be tinted using conventional alkali resistant, natural shade colourant pastes.

PRODUCT GRADES/CODES

Finishcoat	72310
Basecoat	72320

PROPERTIES

Terravertine is a hydrated lime based aggregated polished plaster with the following properties:

- Smooth and/or textured polished finish
- Highly resistant to staining and scratching
- Unique high quality polished plaster finish
- Environmentally friendly
- Non-combustible

AREA OF USE

Terravertine is designed for use on most interior substrates; concrete, cement rendering, lightweight concrete and fair-faced block-work. Terravertine performs equally well on gypsum dry-wall. The gypsum board joints must be taped with glass fibre scrim, filled with Handycoat Exterior, prior to application of Terravertine

PREPARATION OF SURFACE

New surfaces: Ensure that all dust, dirt and foreign matter are scraped and brushed away. Also ensure the surfaces are free from salts, oil, grease and ridges. Protect all adjacent surfaces not to be covered. All cracks, chips, voids and damages should be repaired with Terravertine Basecoat or Handycoat Exterior.

Old surfaces: Before applying Terravertine to old surfaces, ensure the substrate is firm. First wash down the surface with a sugar soap solution, rinse and allow to dry before repairing or applying the primer.

PRIMING

Prime surfaces with a coat of Terrabond-A solution (1 part Terrabond A diluted with 5 parts clean water) and Texprimer Aggregated prior to application of Terravertine.

MIXING

Mix thoroughly with the recommended water addition in a high speed mixer or with a hand agitator for 3 - 5 minutes. In normal conditions, let Terravertine stand for 5 minutes, then re-stir and use.

APPLICATION & CLEANING OF TOOLS

Terravertine Basecoat is applied in areas which require pre-leveling in layers up to 5mm thickness. Application is by conventional plastering methods. Allow surface to cure for 72 hours.

Apply a coat of Terravertine Finishcoat using a white steel fine-edged trowel. Complete single surfaces in one operation to avoid dry joints. First coat is applied by trowel at a consumption rate of approx 1.2kg /m².

Apply a second coat of Terravertine Finishcoat and finish in the desired method, either smooth or texture finish.

Allow to dry for 48 hours and finish by applying a wax if required.

Clean tools and equipment with water after use.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

PACKAGING & STORAGE

Terravertine is supplied in 25kg paper bags.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 6 months. Use oldest material first.

TECHNICAL DATA

Product	Limed based plaster, powder form.
Binder	Hydraulic and organic binders.
Drying Time	48 hours
Flexural Strength	>1.5 N/mm ² (Terravertine Finishcoat)
Compressive Strength	>2.0 N/mm ² (Terravertine Finishcoat)
Wet Scrub Resistance	>15000 cycles (Terravertine Finishcoat)
VOC	< 1.0 gm/liter (Terravertine Finishcoat)
Formaldehyde Content	< 1.0 ppm (Terravertine Finishcoat)
Compliance	Complies to Al Safat Green Building (DGBES) requirements
Material Consumption	Basecoat : 1.5kg/m ² /mm thickness / Finish coat: 1.5-2kg/m ²
Application Method	White steel fine-edged trowel/patterning tools
Mixing Ratio	For Basecoat 25kg powder: 6-7 ltr water, For Finishcoat 15kg powder: 5.5 to 6.5 ltr water
Colours	Using alkali resistant natural shade colourant paste.
Packaging	25kg paper bags for Basecoat; 15 kg paper bags/ pails for Finishcoat.
Storage	6 months in original unopened bags; 12 months in original unopened pails.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

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