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Technical Data Sheet

Uni-Trowel Décor™ 300

Fine Sand Finish product from the Unitex® range of Applied Texture Finishes.

Description

Unitex® Applied Texture Finishes are acrylic based textured coatings designed for decorating exterior walls. Unitex® Applied Texture Finishes are suitable for use over surfaces prepared with Render from the Unitex® Specialty Renders range. Uni-Trowel Décor™ 300, as part of the Unitex® range of Applied Texture Finishes, is designed for trowel application in a single coat on rendered exterior walls where a long lasting decorative sand finish can be expected. Uni-Trowel Décor 300 can be supplied in white or in your choice of light to medium strength colours.

Uses

Uni-Trowel Décor™ 300 is an Applied Texture Finish with a Fine Sand texture. This product provides a decorative effect and a durable finish to rendered walls.

As the name implies, Uni-Trowel Décor™ 300 is designed for trowel application. A single coat can be trowelled over a rendered wall and before the coating dries, is floated to a smooth and level sand-effect appearance. Being a water-based product with carefully selected low toxicity components, trowels and floats can be washed with water as long as the texture finish hasn't dried. Disposal of empty and partly filled pails must be carried out in accordance with the Material Safety Data Sheet and should not be simply flushed with water down drains.

Application Instructions

Substrate condition

Unitex® recommends that Uni-Trowel Décor™ 300 should be applied over dry, already rendered walls. There are a number of products in the Unitex® Specialty Renders range for various substrates such as:

- Uni-Dry Cote Redi Render, HiLite Render and Fast-R for brickwork, block-work and other masonry.
- Polymer Render and DryPoly Render with inserted alkali resistant fiberglass mesh for bare Expanded Polystyrene (EPS) foam.
- Base Board Render for coated EPS foam panels

for which Uni-Trowel Décor™ 300 can be trowelled over. Unitex manufactures renders for other substrates, so please see the Unitex brochure "Renders and Finishes" available on www.unitex.com.au .

Before applying Uni-Trowel Décor™ 300, ensure that the surface is clean and dry. All surfaces must be free of grease, oil, mould, dirt, dust, release agents, bond-breakers or other contaminants that may interfere with adhesion. Surfaces consisting of freshly applied cement-rich renders ought to be left for a minimum of 28 days (to allow the cement to fully cure) before Uni-Trowel Décor™ 300 is applied. Unitex® recommends that a Moisture Meter (such as Protimeter) be used to assess the moisture content of the render and if the WME (Wood Moisture Equivalent) is less than 15 % then application with an Applied Texture Finish can proceed.

Note: A test area of the complete system must always be provided by the applicator for the Builder's and Specifier's approval.

Weather Conditions

If rain is forecast within the next 4 hours or if temperatures are less than 10°C or greater than 35°C, Uni-Trowel Décor™ 300 must not be applied to a wall.

Freshly applied Uni-Trowel Décor™ 300 must be protected from rain, other sources of moisture and frosts for at least 48 hours.

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Mixing

Uni-Trowel Décor™ 300 is a ready-to-use product where simple mixing only is required before applying the product by trowel and hawk to a rendered wall. As a rule, there is no need to add water to this product before application. Should water be added, additional coats may be required to achieve hiding and coverage.

Application

Using a trowel and hawk, Uni-Trowel Décor™ 300 can be spread over rendered walls to a level layer of approximately 2 mm thickness. Finish to a smooth textured sand finish with a float applied in a light, circular motion after the coating has partially set.

Curing

Uni-Trowel Décor™ 300 is an air dried product whereby water leaves the coating and the polymeric component coalesces to form a film. It is important that the coating is protected from rain, moisture and cold conditions for the first 3-5 days after coating and from impact damage for 3-4 weeks. Once fully dry, the strong binding power of the acrylic polymer results in an impact resisting coating able to withstand hard knocks and a surface able to withstand scuffing.

Properties**Biological Resistance**

Components that resist attack from bacteria and fungi, both in the pail and in the dry film, are present in Uni-Trowel Décor™ 300. This product has been formulated from water based, low toxicity components with the consumer's expectation for high safety standards and good handling being met. For further details please see the Material Safety Data Sheet available on www.unitex.com.au.

Fire Resistance

The full Unitex® coating system meets Australian and New Zealand Standard AS/NZS 1530.3:1999 "Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release" with a rating of:

- 0 (0-20 scale) for Ignitability Index, i.e. zero ignitability
- 0 (0-10 scale) for Spread of Flame Index,
- 0 (0-10 scale) for Heat Evolved Index and
- 3 (0-10 scale) for Smoke Developed Index.

The results of this fire test may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

Water Resistance

Coatings of Uni-Trowel Décor™ 300, even at high build, are formulated with a water permeability factor to rainproof the exterior and allow some water vapour from the substrate to leave unhindered.

Colour

The pigmentation is completely integrated during the manufacturing process, which means colour through the entire film thickness. Unitex Applied Texture Finishes are available in a practically unlimited range of full colour to pastel shades. Please contact Unitex® for the full range of colours available. Note: some deep tones cannot be supplied in applied finishes. Contact Unitex for your specific solution. All colours will fade to some degree with time in exterior systems.

Over-coating

Uni-Trowel Décor™ 300 may be over-coated after a minimum of 48 hours with a protective top coat such as Uni-PTC® or a thicker acrylic coating such as Unitex Membrane®. These top coats can be pre-coloured and provide a decorative effect as well as enhancing the durability of the system.

Estimating**Supply**

Uni-Trowel Décor™ 300 15 litre pail

Coverage

Approximately 8-10 m² at 3 mm thickness



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Shelf Life

A shelf life of 12-24 months is to be expected.

Product Safety

See MSDS

Uni-Trowel Décor™ 300 is classified as non-hazardous according to the criteria of NOHSC.

Not classified as dangerous goods according to the Australian Code for Transport of Dangerous Goods. NON DANGEROUS GOODS

Manufacturer's Details

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