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Technical Data Sheet

Uni-Roll Décor™ 109 Texture

Fine to Medium Coarse roller applied heavy texture coating from the Unitex® range of Applied Texture Finishes.

Description

Uni-Roll Décor™ 109, as the name implies, is an Applied Texture Finish that is applied by roller. Uni-Roll Décor™ 109 is generally applied with a spaghetti roller to produce a gentle peaked texture finish. Different roller sleeves will provide totally different effects. This product can also be spray applied to give a smoother finish or to reduce the application time on larger jobs.

Uni-Roll Décor™ 109 is based on quality, graded mineral aggregates combined with non-absorbent extenders bound by an acrylic co-polymer, water-based dispersion. Uni-Roll Décor™ 109 has excellent adhesion to a wide variety of substrates and, of course, to all the Unitex® base render products. A high impact-resistant coating results from this strong binding power. Uni-Roll Décor™ 109 is a low-tack product which means that dirt pick-up is minimal. Uni-Roll Décor™ 109 is also designed to be self-cleaning from weathering effects, keeping the coating appearance like new for years to come.

Because of the heavier texture provided by roll-on coatings, Uni-Roll Décor™ 109 is ideal for application over irregular or roughly finished surfaces. The product also provides for excellent hiding of shrinkage cracks with just one coat. Typical coverage is 15 m² per pail. Of course coverage rates vary with the surface condition and roller-sleeve used.

Uses

The application possibilities are wide-ranging, from exterior to interior walls and ceilings, balustrades, beams, columns and in-fill panels as well as entrances and lobbies. Uni-Roll Décor™ 109 is suitable for use over prepared plaster, brick, cement blocks, FRC sheets, aerated concrete and renders. The colour range available is equally broad spectrum, from full colour hues to pastel shades. The Uni-Roll Décor range provides a minimum protective and service life of 10 years, depending on the coating thickness.

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-Roll Décor™ 109 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 adhesion to bare Expanded Polystyrene (EPS) foam.
- Base Board Render and BBR 8.5 kg Render for build and leveling on coated EPS cladding panels

for which Uni-Roll Décor™ 109 can be rolled over. Unitex® manufactures renders for other substrates, so please see the Unitex® brochure "Renders and Finishes" available on www.unitex.com.au.

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Should the substrate not be continuous, such as a wall with more than one render product having been applied, a texture may dry differently over these substrates and this affects the surface appearance. For example, texture drying over an absorbent render will have a lower gloss than texture drying over a non-absorbent render. Unitex® recommends coating (by brush or spray) the render with Unitex® Cembond Substrate Sealer to provide a continuous surface for the wall. This product also assists with inter-coat adhesion.

Before applying Uni-Roll Décor™ 109, 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-Roll Décor™ 109 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-Roll Décor™ 109 must not be applied to a wall.

Freshly applied Uni-Roll Décor™ 109 must be protected from rain, other sources of moisture and frosts for at least 48 hours.

Site Preparation

It is important to ensure that, as well as the substrate being properly prepared, the work area is also made ready. This means masking and protective covering of windows, doors and adjoining surfaces to avoid marking the glass and frame surfaces with splatter. Drop sheets should also be used where required (tiles, pavers, downpipes, etc.).

Building regulations, if the scope of work invokes these, will require scaffolding to be erected by a qualified and certified operator. Equipment must be tagged and kept in good safe working order. Site and local handling of equipment regulations must be followed to provide a safe work environment.

Mixing

Uni-Roll Décor™ 109 is a ready-to-use product where simple mixing only is required before applying the product by roller 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 roller, Uni-Roll Décor™ 109 can be spread over rendered walls, irregular and rough surfaces. The product also provides for excellent hiding of shrinkage cracks with just one coat. Typical coverage is 15 m² per pail. Of course coverage rates vary with the surface condition and roller-sleeve used. Different roller sleeves can provide totally different effects.

Uni-Roll Décor™ 109 can also be spray applied to give a smoother finish or to reduce the application time on larger jobs.

Curing

Uni-Roll Décor™ 109 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**



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Components that resist attack from bacteria and fungi, both in the pail and in the dry film, are present in Uni-Roll Décor™ 109. 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-Roll Décor™ 109, 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.

Cleaning up

All of the equipment used to apply Unitex Renders, Textures and Paints are cleaned up with water and a little "elbow grease" immediately after use. Cleaning should only be carried out at the Builder's, or own, supplied environmental cleaning station where all waste water is captured for eventual removal to recycling stations.

Estimating

Supply

Uni-Roll Décor™ 109 15 litre pail

Coverage Approximately 15 m²

Shelf Life

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

Packaging

All Unitex® Applied Surface Finishes are supplied in 15 litre pails. Each pail has a label with an identifying code attached. This code identifies the particular texture type, colour and batch number allowing additional product to be prepared and supplied quickly. Thus, if more of a particular shade is required to finish off a job, Unitex® can readily supply this.

Product Safety

See MSDS

Uni-Roll Décor™ 109 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

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Manufacturer's Details

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