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Technical Data Sheet

Uni Dry Cote™ 846 Applied Texture Finish

Blended dry powder Applied Texture Finish that when mixed vigorously with water can be trowelled over a render finish to provide a textured fine trowel finish.

Description

Uni Dry Cote™ 846 is a modified cement based blend of fine marble, quality graded mineral and polymeric additives to provide a 100 % active product. On-site, all that has to be added is water to provide a ready-to-apply finish.

This Applied Texture Finish is designed for decorating interior and exterior walls. Uni Dry Cote™ 846 is suitable for use over surfaces prepared with render from the Unitex Specialty Renders range. A one coat application offers a long life, heavy duty coating.

Uni Dry Cote™ 846 is ideal for commercial and residential exterior walls. Due to the strong binding power of the polymer, a high impact resistant coating is the result. The surface prevents scuffing and is able to withstand hard knocks.

Uni Dry Cote™ 846 is supplied in 20 kg bags. Typical coverage is 8-10 m² at 2-3 mm thickness.

For the discerning project managers, builders and applicators, Uni Dry Cote™ 846 assists your project as follows:

Texture with fine marble similar to the acrylic paste product, Uni-Trowel Décor™ 146 texture.

Easy to apply.

Is polymer-modified for strong adhesion to surfaces.

Easily prepared. Just add water and drill to your preferred consistency.

One pass application.

Consistent quality.

Resists attack from bacteria and fungi.

As the outer layer of render systems, Uni Dry Cote™ 846 meets the various Fire Resistance Standards such as AS/NZS 1530.3-1999 for the simultaneous determination of Ignitability, Flame Propagation, Heat Release and Smoke Release, AS/NZS 3837-1998 for heat and smoke release rates for materials using an oxygen consumption calorimeter, and AS 1539.8.1-2007 for Bushfire Attack Levels 29 and 40.

Water resistance: even at exceptionally high build, coatings of Uni Dry Cote™ 846 is formulated with a water vapour permeability factor to rainproof the exterior and allow water vapour from the substrate to leave unhindered.

Natural colour: Uni Dry Cote™ 846 is not pigmented. It dries to an off-white cement colour. For a decorative, coloured finish, tinted coatings of Uni-PTC™ matt protective top coat or low sheen Uni-Flex™ Membrane is recommended to be applied over the layer of Uni Dry Cote™ 855.

Is readily available in paper sacks individually or on 60 sack pallets.

Is manufactured by Unitex® in Australia.

Application Instructions

Substrates

Previously rendered surfaces.



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Substrate condition

A minimum of 72 hours under ideal temperate conditions is required for through dry and cure of the render surface. Unitex® recommends testing surface dryness with a Moisture Meter (such as Protimeter) where the WME (Wood Moisture Equivalent) must be lower than 15 %. Before application of any texture such as Uni Dry Cote™ 846, the render surface must be clean, dry, cured and free of any dust and debris. This means that any loose or damaged substrate must be removed, or repaired, and any moisture must also evaporate out prior to Uni Dry Cote™ 846 being trowelled onto the substrate.

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

Always contact Unitex® for specific substrate specifications.

Weather Conditions

If temperatures are less than 7 °C or greater than 32°C, Uni Dry Cote™ 846 should not be applied to a wall.

Freshly applied Uni Dry Cote™ 846 must be protected from rain, other sources of moisture and frosts for at least 48 hours.

Mixing

As a cement-containing blended powder, Uni Dry Cote™ 846 must be thoroughly mixed with clean, potable water to an homogenous slurry prior to application. As the cement cures, the slurry will get thicker with time until it is no longer useable. The pot life is about 3 hours in ambient conditions.

Mechanical stirrers are recommended for mixing powder into water. Whilst the water content and flow of the slurry should vary slightly for different weather conditions (try for a little more water on days of higher temperatures), a good guide is to use 1 bag of Uni Dry Cote™ 846 to 4.5 litres of water. Uni Dry Cote™ 846 must always be mixed into water: not the other way around. Note that there is a useable application time (pot life) of about 3 hours before the slurry is no longer workable. Addition of too much water will result in shrinkage and cracking.

Application

Uni Dry Cote™ 846 can be trowelled over dry and dust-free renders in a single coat. Floating in a smooth, circular motion is recommended for a medium textured, hole-free continuous surface.

Uni Dry Cote™ 846 textured coatings, when dry and cured, are to be overcoated with two coats of a protective top coat such as matt Uni-PTC™ or low sheen Uni-Flex™ Membrane.

Drying

In dry, mild conditions, Uni Dry Cote™ 846 should be dry within 72 hours after application. With certain site conditions such as shaded areas, lower temperatures or high humidity, drying of the texture coating may take longer. Being a cement-containing product, maximum physical strength will not be achieved until 4 weeks have passed.

Always check the weather forecast before applying renders or texture finishes to surfaces as rain, especially within the first 8 hours after application, has a tendency to damage or weaken the coating, or at best, leave water marks. Heavy rain at any time in the first 2-3 weeks may leave water marks on the surface. Should rain damage occur, the coating integrity and adhesion must be checked.

Both frosty conditions and excessively high temperatures should be avoided. Unitex® recommends applying Uni Dry Cote™ 846 in temperatures above 7 °C and less than 32 °C.

All substrates must be dry before render is applied and conversely, all render surfaces must be dry before being over-coated. Unitex recommends testing surface dryness with a Moisture Meter (such as Protimeter) where the WME (Wood Moisture Equivalent) must be lower than 15 %.

Estimating

Supply

Uni Dry Cote™ 846 20 kg bag
 60 bags per pallet

Coverage

Approximately 8-10 m² at 2-3 mm coating thickness.



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Shelf Life

This product contains cement and must be kept dry. A shelf life of 6 months is to be expected. Discard partly filled open bags within 2 weeks of use.

Product Safety

See MSDS

Uni Dry Cote™ 846 is classified as hazardous according to the criteria of NOHSC.

The product contains Portland cement. Portland cement is classified as a Hazardous Substance, Non-Dangerous Goods according to the criteria of NOHSC. All other components are classified as Non Hazardous, Non Dangerous Goods.

Risk phrases for Portland cement are

R36/37/38	Irritating to eyes, respiratory system and skin
R40	Possible risk of irreversible effects
R43	May cause sensitization by skin contact
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation

Safety Phrases for Portland cement

S22	Do not breathe dust
S24/25	Avoid contact with skin and eyes
S36/37	Wear suitable protective clothing and gloves

The chemical composition of Portland cement is essentially oxides of various elements, the most prevalent being oxides of calcium Ca, silica Si, aluminium Al, iron Fe, titanium Ti, chromium Cr (mostly as insoluble Cr III but it is possible that water soluble Cr IV could be present at concentrations of less than 10 ppm). Trace amounts of oxides of magnesium Mg, potassium K and phosphorus P may also be present. As cement is a blended product, crystalline silica at levels less than 0.1 % may be present.

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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 Australia

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This information contained herein relates only to the specific material identified. Unitex Granular Marble Pty Ltd believes that such information is accurate and reliable as of the date of this Technical Data Sheet, but no representation, guarantee or warranty, expressed or implied, is made to the accuracy, reliability or completeness of the information.

Unitex urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.

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