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Technical Data Sheet

Unitex® Veneto 828 Mineral Coloured Finishes

Taking inspiration from bygone centuries old, rustic patina of Venetian villas and palazzos, the Veneto range of pre-coloured blended dry powder Applied Texture Finishes can be trowelled and sponged over a render finish to provide both exterior protection against weather effects and the romance, ambience, imagination and wonder of Venice to your project.

Description

Developed by Unitex®, Veneto 828 Mineral Coloured Finishes are pre-coloured products containing durable oxide pigments in a dry powder form that are mixed with water and trowelled over a sealed Unitex render. With a sandy ochre finish, Veneto 828 Mineral Coloured Finishes do not need to be overcoated with an acrylic top coat.

Moderate weathering will bring out subtle shade differences to rapidly produce an aged patina that adds character and warmth to modern homes. This is a finish regularly sought after by architects. Applied with trowel and sponge, Veneto 828 Mineral Coloured Finishes are suited to both new home construction and renovations. Used in conjunction with Unitex® Uni-shape™ profiles (arches, sweeps, quoins, etc.), Veneto 828 Mineral Coloured Finishes can upgrade the appearance of an existing home or create the timeless style of a Venetian palazzo from scratch. The Veneto 828 Mineral Coloured Finishes range benefits from today's technology and meets strict environmental standards with zero emissions. Veneto 828 Mineral Coloured Finishes can also be applied by spray and roller.

Veneto 828 Mineral Coloured Finishes are dry powders containing sand, cement, oxide pigments and polymeric additives to provide a durable product. On-site, all that has to be added is water to provide a ready-to-apply finish. Unitex® recommends that for consistency of appearance, care should be taken to add the same amount of water to each pail and to drill mix each pail thoroughly for the same amount of time. Best consistency is found with mixing for 5 minutes then allowing to stand for approximately 10 minutes followed by a further 5 minutes drill mixing before application.

Veneto 828 Mineral Coloured Finishes range is an exterior ochre finish suitable for use over surfaces prepared with render from the Unitex Specialty Renders range. See our Renders section to choose the right Render for your masonry surface or construction material. Ensure that the Render has been applied evenly and consistently and is thoroughly dry before applying Veneto 828 Mineral Coloured Finishes as any imperfections with the Render may also be seen after application of the exterior finish.

Veneto 828 Mineral Coloured Finishes are supplied in 15 litre pails and each pail, when mixed with water, is expected to yield 15 litres of trowel applied coating. Approximately 4-5 litres of water to each pail of Veneto should be tried initially and adjusting with further water to the applicator's desired consistency. Consistent drilling of each pail for the same time for all buckets is recommended to adequately prepare the colour.

For spray or roller applied finishes, higher proportions of water should be used but it is important to be aware that when mixing water with powder by a drill, that trowel-like viscosity is best as the somewhat thicker viscosity produces consistent shades. After all lumps have been incorporated into the slurry, further water can be added with mixing to achieve spray and roller viscosities.

At a 1-2 mm thickness of Veneto 828 Mineral Coloured Finishes, approximately 10-15 m² of wall can be coated per 15 litre pail. Please merge in other pails of Veneto 828 to achieve the desirable subtle shade changes that each bucket and its preparation with water and drilling will give you.

Veneto 828 Mineral Coloured Finishes

Fire Resistance: The full Unitex coating system when subject to Early Fire Hazard Tests being AS/NZS 1530.3-1999 meets the strictest standards.

Water Resistance: even at exceptionally high build, coatings of Veneto 828 Mineral Coloured Finishes are formulated with a water vapour permeability factor to rainproof the exterior and allow water vapour from the substrate to leave unhindered.

Storage: As these products contain cement, please store in the original sealed pails in a cool dry place. Under these conditions, a shelf life of approximately 6 months is achievable.

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Colour: Veneto 828 Mineral Coloured Finishes are pre-coloured using durable inorganic oxide pigments. A standard range of 21 earthy shades are available. Custom shades can also be matched but please note that in keeping with the theme behind Veneto 828, only traditional earthy tones are possible. For custom shades, we ask a premium and sufficient time to complete the matching to your satisfaction. Veneto products are made to order.

Application Instructions

Substrates

Previously rendered surfaces.

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 Veneto 828 Mineral Coloured Finishes, 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 Veneto 828 Mineral Coloured Finishes 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.

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.

Weather Conditions

If temperatures are less than 7 °C or greater than 32°C, Veneto 828 Mineral Coloured Finishes should not be applied to a wall.

Freshly applied Veneto 828 Mineral Coloured Finishes must be protected from rain, other sources of moisture and frosts for at least 48 hours.

Mixing

As a cement-containing blended powder, Veneto 828 Mineral Coloured Finishes 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 pail of Veneto 828 Mineral Coloured Finishes to 4.5 litres of water. Veneto 828 Mineral Coloured Finishes 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

A sealer coat of Unitex® Cembond™ is recommended to be brushed or roller coated over the thoroughly dried render, e.g. Unitex® Redi Render. Once the Cembond has thoroughly dried, Veneto 828 Mineral Coloured Finishes can be trowelled on and then before drying, finished off with a soft sponge float to achieve a sandy finish.

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Drying

In dry, mild conditions, Veneto 828 Mineral Coloured Finishes 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, preferential water dripping, overnight condensation at any time in the first 2-3 weeks may leave water marks and wash staining on the surface. Unless this highly distressed look is desired, Unitex® recommends that as soon as the finish is touch dry, the total wall area must be fine water spray washed with clean water to thoroughly remove traces of any water-soluble synthetic additives still remaining in the wall coating. Should subsequent rain damage occur, the coating integrity and adhesion must be checked.

Adequate expansion joints are required to minimize cracking on the surface of the finish. Location of the expansion joints is the responsibility of the Builder or Head Contractor. Unitex® recommends regular expansion joints to every elevation, between different substrates and between floor levels, to allow for stresses and building movements. If such expansion joints are not provided by the Builder or Head Contractor, cracking due to movement of the substrate may occur. This is in no way indicative of faulty material. Rather it indicates sub-standard building practice.

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

Veneto 828 Mineral Coloured Finishes 15 litre pails

Coverage

Approximately 10-15 m² at 1-2 mm coating thickness.

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 pails within 2 weeks of use.

Product Safety

See MSDS

Veneto 828 Mineral Coloured Finishes 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

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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

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