



Unitex[®] Renders & Finishes

USAGE & INSTALLATION GUIDE



YOUR WALLS
OUR PRIDE

UNITEX®

RENDERS & FINISHES

With Unitex Renders and Surface Finished Coatings your walls are our pride. Unitex – Your Walls. Our Pride. Unitex products range from lightweight pre-mixed dry powder-based Renders to ready-to-use water-based acrylic finishes matched to light-fast colours and various textured effects.

Every product has proven technological advances in polymer modification and functional additives. All Unitex Renders & Finishes have high-impact strength combines with excellent adherence to well bound, dry, sound, and laitance-free surfaces. All Unitex Renders & Finishes are formulated to specific substrate requirements. And all are easy to apply by spray, trowel, or roller.

Many of the Renders utilise recycled materials that enhance the benefits but don't compromise performance. At Unitex protecting our environment is at the cornerstone of our product development.

With such a broad spectrum of solutions available for your façade, the only problem our customers are faced with is which Unitex Render & Finishing System to use. To help you find the best solution for your project, see the selection guide on the back page. Match the substrate you have and the finish you desire with the appropriate Unitex Render and Finishing System.

For further assistance, simply email the elevation and floor plans to www.unitex.com.au or www.render.com.au, or request a visit by an experienced Unitex Technical Representative on-site. Unitex will work with you, and your Applicator, to provide the Uni-Dry Cote base Render and the Uni-Décor colour and texture you need to create the façade of your dreams.



Unitex Uni-Dry Cote® Render Products (base renders)

General Information

To fully protect your wall and to provide the strong key for your topcoat, a solid base is needed. Unitex renders are designed to provide permanent adherence to the substrate and a sound key-surface for the finish coat, that is later applied over the base render.

Base renders are not designed to be the finished surface. They should always be over-coated with a finish coat from the Unitex Applied Finish range. All of our Renders are compatible with all of our system recommended Finishes.

It should be noted that renders are not designed to have cohesive strength greater than the substrate. The full strength of renders is achieved after complete through drying and final cement hydration. This can take up to 30 days.



Safe Use

Protective glasses, gloves, dust masks etc should be used where appropriate when handling Unitex products. Hearing protection should be worn when using power tools. Details are provided in the relevant product Material Safety Data Sheet (MSDS) available from Unitex and URW (www.unitex.com.au, and www.render.com.au).

Note: All Unitex renders should not be over-worked close to curing stage, as cracking and shrinking will result.



Condition of Substrate

Before application of any render the surface of the substrate must be clean, dry (wme =< 12 moisture meter) and free of any debris. This means that any loose or damaged substrate must be removed or patched and made good, prior to application of the base render.

The substrate surface must be cleaned free of any grease, oils, scaling laitance, efflorescence, form-oil compounds, mould, fungi, rust, dirt, dust or any other foreign matter. Pre-painted surfaces must be wire-brushed back to the bare substrate.

All external walls must have a moisture barrier (at ground level) to prevent rising damp. Render and Paint products will not continue to adhere to a damp substrate and will eventually suffer efflorescent damage to decorative and protective properties.

It is the responsibility of the builder or head contractor to make good any substrate before the render is applied.

Adequate expansion joints are required to minimise cracking on the surface of the render. Location of the expansion joints is also the responsibility of the builder or head contractor. Unitex recommends regular expansion joints to every elevation, between floor levels and between different substrates, to allow for building movements and/or stresses.

If such expansion joints are not provided by the builder or head contractor, cracking may occur due to movement of the substrate. This is in no way indicative of faulty material, rather it indicates sub-standard building practice.



Adding Water

The majority of Unitex base render products are dry powder-based products. This means that you are getting a 100% active product. All that is required is for clean water to be mixed in, on-site, immediately prior to application to the substrate.

The recommended starting point is to add approximately 4-5 litres of water (per full bag of render) into a clean container. Then slowly add the powder, with drill mixing until the desired slump (consistency) is achieved.



The exact amount of water added depends on a number of factors unique to each application. These factors include the condition of the substrate, the ambient temperature and the surface temperature, amongst others. The applicator needs to take all relevant factors into account when determining the slump (of the wet render) required.



Packaging

All Unitex dry powder render products are supplied in strong, multi-walled paper sacks that are readily disposed of in recycle bins, after the contents have been emptied. They are packed 60 bags to a pallet.

Unitex Uni-Dry Cote® HiLite Render™ (High build, lightweight)

This lightweight render is the most versatile product from the Unitex base render range. Unitex Uni-Dry Cote® HiLite Render is a cement-based, pre-mixed, polymer-modified dry powder product requiring only water to be added on-site. It is approximately half the weight of conventional renders.



It is designed for application on new substrates and in renovation works. This versatility is also reflected over the wide range of substrates on which it can be used. Unitex Uni-Dry Cote® HiLite Render can successfully be applied to brick, concrete, pre-cast panels, lightweight porous panels and cement blocks.

Unitex Uni-Dry Cote® HiLite Render is equally at home on internal surfaces. After it has cured and through dry (wme =<12 moisture meter) the surface can be covered with hard plaster, tiles or a textured paint.

Unitex Uni-Dry Cote® HiLite Render can be used for filling, patching, levelling, and the restoration of very uneven substrates. As the name implies, Unitex Uni-Dry Cote® HiLite Render is for high-build over difficult substrates coupled together with its lightweight dry form. Even at high-build it can dry without the usual excessive shrinkage of sand-cement renders. High-builds are achieved with multiple coats of 10-15mm application per coat.

The application versatility of Unitex Uni-Dry Cote® HiLite Render is matched by its performance over time after application. The results are excellent durability and strong impact resistance which will help protect the substrate and maintain the integrity of the finished product.

Unitex Uni-Dry Cote® HiLite Render can be applied by either trowel (and straight-edged), or spray machine. Ultimate high-build can be achieved with multiple application passes. Even on a single pass it is possible to obtain a coating thickness of up to 30mm with spray machine or 15mm with trowel. If substrate tested as acceptable to achieve build coats, then up to 50mm thickness is achieved with a 3-pass application, but only when the substrate has been keyed with a Notch Trowel application (rough) of Unitex Polymer Render (plus 5-10% cement). With a 15mm coat, a minimum of 24 hours drying time is required between applications (dryness is measured with a Protimeter Moisture Meter to measure less than 12% WME).

Before applying a Unitex textured finishing coat the base Unitex Uni-Dry Cote® HiLite Render coat must be through dry as measured with a Protimeter Moisture Meter (less than 12% WME). This dryness would typically not be reached under 72 hours.

Uni-Dry Cote® Fast-R Render

Uni-Dry Cote® Fast-R Render is a premium product specially formulated to be applied as a single coat either thick or thin with optimum workability, ease of application. So easy that you can relax as you work, and able to close over readily when floated or sponged. Uni-Cote® Fast-R Render is suitable for covering all sound, dry masonry surfaces such as brickwork and concrete blockwork, and performs the function of leveling and protecting masonry walls.



Uni-Dry Cote® Fast-R Render is cement based and polymer modified for strong adhesion to sound masonry surfaces. Uni-Dry Cote® Fast-R Render is applied directly onto clean, dust and debris-free, dry and cured masonry surfaces by trowel and can be screeded if desired before being rubbed up to a true and even surface with a float. This product is workable at varying thicknesses from 4 to 10mm. As thicker coatings can be applied in one coat and finished off very easily, applicators do not have

to wait 3-7 days or more for a first coat of render to dry before applying a second coverage of render.

Uni-Dry Cote® Fast-R Render can be simply over coated with any of the range of Unitex Applied Finishes coating systems such as factory tinted Uni-Trowel Décor 777 liquid texture or neutral Uni-Dry Cote® 855 blended dry powder texture and after the texture coat is dry, a suitable factory tinted topcoat such as Uni-PTC can be applied. In certain conditions a substrate sealer over the dry render prior to texture coating is recommended.

Uni-Dry Cote® Fast-R Render is supplied in ready-to-use 20 kg bags. Each bag allows up to 15 litres of wet render to be prepared by mixing the bag contents with approximately 4-5 litres of clean water and drilling for homogeneity.

Coverage per bag depends on the desired thickness of the render and at low build thicknesses of 4 mm covers approx. 3-5 m².

Unitex Uni-Dry Cote® BBR (Uni-Base Board™ Render, 8.5kg)

Unitex Uni-Dry Cote® BBR is specially formulated to be a strongly-adherent render on the pre-coated Unitex Uni-Base Board. Together with the other Unitex components, Unitex Uni-Dry Cote® BBR is an integral part of the Unitex Uni-Base Board low-build, external insulating cladding system; another member of the Unitex Uni-EIFS™ range. Unitex Uni-Dry Cote® BBR is trowel-applied and suitable for a one-coat or two-coat application on Unitex Uni-Base Board.



Unitex Uni-Dry Cote® BBR is a cement-based polymer modified, high performance, water resistant and adhesion promoting render system. This product is workable at thicknesses up to approximately 5-10 mm per pass.

Unitex Uni-Dry Cote® BBR is supplied in ready-to-use 8.5kg bags.

Approximate coverage per bag is 1.5-2m² yielding approximately 5mm Unitex Uni-Dry Cote® BBR render depth.

Unitex Uni-Dry Cote® BBR, when dry and fully cured, is over coated with any of the range of Unitex Roll, Trowel or Brush Applied Texture coating systems. This completes the Unitex Uni-Base Board insulating system, from the Uni-EIFS™ range (dry is considered to be less than 12% WME measured on Protimeter Moisture Meter)

Unitex Uni-Dry Cote® Redi Render™

This polymer-modified, heavier weight render is available in two grades: Medium or Fine. Both products provide the same high-quality, strong and durable base render.



These products are specifically designed to be applied over new or old brickwork. They are trowel-applied and suitable for a one-coat or two-coat application. A 24-hour wait is required between successive coats.

The thickness of the coat applied depends largely on the condition of the brickwork surface. If the surface is particularly uneven then the Medium grade is the product of choice for you. It is workable at thicknesses of approximately 4 mm. However if the surface is in good order only a skim coat is needed. Here the Fine grade can be applied at coating thicknesses as low as 1-2 mm. Generally surface floated or sponged to achieve acceptable render finish.

Again the surface finish of your choice is available from the Unitex Applied Finish range, combined with the protection of Uni-PTC or Uni-Flex Membrane. Remember to wait at least 72 hours before applying any surface coat.

Unitex Uni-Dry Cote® Redi Render™ Fine (Sydney Fine)

Unitex Uni-Dry Cote® Redi Render™ Fine, or more commonly known as Unitex Sydney Fine, is a very fine sand graded render for tight smoother surfaces and should only be used by Applicators experienced in fine quality surface finishing. Always provide a minimum 2m² sample on the project for customer approval of your application quality and complete Unitex system for approval.



Unitex Uni-Dry Cote® Polymer Render (Poly powder) & Unitex Polymer Render (Poly liquid)

Unitex Polymer Render is often used as a key coat over difficult surfaces, especially FRC sheeting and as preparation for other Unitex systems (ie Unitex Base Board system, Uni-IB Board). This liquid render comes in 15litre pails and is modified prior to use with the addition of 5-10% cement powder under vigorous mixing. This is a flexible cement modified acrylic polymer render, especially suitable for direct use over difficult and flexible surfaces, such as Unitex Base Board and Uni-IB Board from the Uni-EIFS™ range (External Insulation Finishing System).



Polymer Render can also be used in other applications where a ready-to-use patching, levelling or filling render is required. Due to its high polymer content and flexibility it can fill minor existing shrinkage cracking of the substrate, thus reducing surface cracking during render drying. Correctly installed expansion joints are still required to be determined for placement and installed by the Builder or Head Contractor. Expansion joints are to be installed regularly on all walling systems every minimum 6-8m and are to compensate for wall stress brought about by many factors (ie thermal stress, soil movement, frame movement, slab movement, and moisture shrinkage).

Note: All movement cracking of substrates is not prevented by surface renders.

Before using Unitex liquid Polymer Render™ approximately 5-10% by weight of cement powder is added.

This will provide a faster setting time and thus quicker rain proofing. The amount of cement to be added depends on the prevailing weather conditions and the substrate environment. The cement added should be drill mixed immediately prior to application.

Unitex Uni-Dry Cote® Polymer Render™ and Poly liquid can be used internally as well as externally. It is compatible with tiles, hard plaster or paint systems. This product is our strongest adhering render and it is sometimes used as an adhesive. The product must be trialled on a test area first to confirm compatibility.

Unitex Uni-Dry Cote® Panel Patch™ (4-hour fire rating)

This base render product from Unitex is especially designed for those applications requiring high thermal resistance, such as high build rendering over steel joining plates on tilt-up pre-cast concrete panels. It is again a polymer-modified render that has been formulated with a proven heat-resistant additive.

Unitex Uni-Dry Cote® has a 4-hour Fire Rating! Testing has been independently determined and carried out to the Australian Standard AS1530.4-2005. A copy of the test report is available from Unitex. The 4-hour Fire Rating means that Unitex Uni-Dry Cote® can be used in multi-storey buildings where a 4-hour Fire Rating (or a less stringent requirement) is mandatory.



Unitex Surface Applied Finishes

General Information

The range of Applied Finishes from Unitex both liquid and powder based, will satisfy the most discerning Specifier and delight the most fashion conscious Homeowner. The choice of lightfast colours is extensive. If you are renovating or refurbishing and can provide us with a clean colour sample chip from the existing finish or, for a new project, you can show us the colour chart code you want - then we can match your requirement†.

The majority of our Finishes are ready-to-use, water-based products supplied in 15 litre pails. They contain quality graded fine mineral components and aggregates, together with non-absorbent extenders bound by a well-proven acrylic co-polymer. This combination of ingredients results in a tough, flexible finish with excellent adhesion to suitable substrates. A long life coating results from the strong binding power and product thickness.

The formulations are low-tack meaning that dirt pick-up is minimal. These products are also designed to be sacrificial with weathering effects, keeping the maintained coating appearance like new for years to come.

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. Unitex Finishes are suitable for use over Unitex prepared plaster, brick, cement blocks, FRC sheets, aerated concrete and renders and EIFS.

The Unitex Textured Finishes range provides a minimum protective and surface life for a minimum of 7-10 years, depending on coating thickness. We can even provide dry powder based (100% active) surface applied textured finishes - Unitex 804, 809, 846, 855, and 877. These products when applied give the same high quality,

durable surface as their water-based counter parts. In this case you simply add the water, with drill mixing, immediately prior to application and then apply as for the ready to use products.

The feel of the surface you want is covered by our wide range of texture types, from fine-grained trowel-on surfaces to the coarser, heavy-texture roll-on finishes. If unsure of the feel you want we have free coated-samples for you to take away and compare at your leisure.



These surface coatings are both fire-resistant (tested to the Australian Standard AS1530.3) and waterproof (tested to the standard ASTM E514-90). They have good water vapour permeability which allows migration of water vapour (caused by condensation) from the substrate, whilst still maintaining a waterproof barrier to rain penetration. With Builders inappropriate damp course or full moisture barriers, at ground level, rising damp can occur and will cause delamination and staining of surface coatings and renders.

The water-based grades incorporate bacteriacides and fungicides in the recipes. These provide in-can preservation to prevent microbiological spoiling of the products.

Apart from the powder-based products, all of the Unitex Finish grades are pigmented during the manufacturing process. This means that the colour is completely integrated through the entire film thickness. Thus the coating exhibits excellent colour retention and durability. The Unitex Veneto 'old world' powder-based finish is supplied pre-coloured in a range of colours.

Note: All colours will fade to a lesser or greater extent depending on light-fastness of colours chosen.

Condition of Substrate

Any crumbling, loose or damaged substrate render must be removed and the surface patched and made good prior to coating. All surfaces must be dry, free of grease, oils, dirt, dust, and masonry salt laitance. Pre-painted surfaces must have flaking paint wirebrushed back to a sound substrate. Unitex recommends a base coat of a pigmented substrate sealer (2 coats) over old renders prior to application of the surface finishes. If patching Unitex Textured Finishes it is recommended rather to re-coat the entire wall section from joint-to-joint or from corner-to-corner before applying Uni-PTC.

Dry substrate means wme =<12 measured with moisture meter.
eg. promiter



Applications should not be carried out when the ambient temperature is, or is likely to be during the requisite drying period, below 10°C or above 35°C. The wall surface must be dry and the finish must be protected from rain until dry.

Packaging

The ready-to-use water based Unitex Finish products and dry-powder Unitex Veneto are all supplied in 15 litre pails. Each pail has a label with a unique code identifying the particular texture type, colour and batch number. This coding ensures that if you require additional product (i.e. to finish off a job), Unitex can easily match the texture and colour to the original.

The pails have a strong sealed lid to prevent spillage if they should tip over before opening. Even after opening the lid still fits tightly enough when re-sealed to prevent contamination of the remaining product. The pails are packed 32 to a pallet.

The powder-based products are supplied in multi-walled paper sacks stored 60 bags to a pallet.

Coating over Unitex Renders

All substrate surfaces must be dry or a minimum of 72 hours is required in standard conditions (25°C at 50% relative humidity) for through-dry and cure of the render before applying the Unitex Finish coat. The substrate must be clean (refer to 'Conditions of Substrate') before applying the finish coat. If multi-coats is desired then a minimum of 72 hours (must be dry) between each coat is required.

Note: In some dry weather conditions a Unitex Gembond Substrate Sealer is advised prior to the Unitex Textured Finish, and is required in all cases over Sand/Cement renders.

Note: It is essential site sample walls are completed by the applicator for the client on site to sign off for approval prior to project commencement. This should be the appropriate to substrate, and complete Unitex recommended finished system.

Unitex provides samples for colour and texture to all of our customers upon request, for their clients prior approval.

This protects the applicators and the customer from costly colour, texture and applicator quality disputes.

Uni-Roll Décor™

As the name implies, the products in this range of the Unitex Finishes are applied by roller. They can also be spray applied to give a smoother finish or to reduce the application time on larger jobs.



Because of the heavier texture provided by roll-on coatings, these products are ideal for application over irregular or roughly finished surfaces. They also provide for excellent hiding of shrinkage cracks with just one coat. Typical coverage is 16-18m² per pail for fine texture and 8-10m² per pail for heavy texture. Of course coverage rates vary with the surface condition.

There are three grades of Uni-Roll Décor. Unitex 109 is a medium-coarse grade, whilst the heavy-coarse grade is Unitex 110 and satin grade is Unitex 011 Membrane. These are products best used by painters experienced in the application of roll-on textured finishes. All provide the same ease of application and have the same colour range capabilities. Different roller sleeves can also help provide different effects.



Uni-Trowel Décor™

Again as the name implies, this range of Unitex Finishes is designed for trowel application. The products in the Uni-Trowel Décor range can be applied as a single coat or, for a high build, with two or more coats.

The 'flatness' of the surface finish, achieved with Uni-Trowel Décor products means that it is able to withstand hard knocks. This makes these products ideal for residential walls as well as heavy-traffic areas, stairwells and exposed wall areas.

There are five grades of Uni-Trowel Décor Finishes in order, from coarsest to finest, they are: Unitex 165, 104, 777, 500, 333, and 146. Coverage rates vary considerably with the surface condition and absorption effect. Typical coverage rates are 8-12m² per pail.



Uni-Cote™ (Dry Powders) Applied Texture Finishes

These unique powder finishes are dry powder-based products. They are a 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.



The amount of water to be added depends on the surface and environmental conditions at the time of application. The degree of slump required governs how much water is added.

Unitex recommend that an amount of water, equal to approximately 25% of the volume of the products being used, be added to a suitable container. The products are then added slowly with vigorous drill mixing to the water until the desired lump free slump (consistency) is achieved.

After preparation of the wet ready-to-use mixture, the products have the same characteristics as the Uni-Trowel Décor range of finishes.

The Uni-Dry Cote Texture Range are not pigmented products. They dry on the surface to a 'cement-off-white' colour. The desired topcoat colour is achieved by application of a pigmented protective membrane from Unitex such as Uni-PTC.



Unitex Protective Membranes

These flexible protective top coats are designed to provide a pigmented sealer. A surface sealer and minimum 2 coats are required which not only protect the surface from aggressive environments but also enhance the beauty of the finished construction. In all substrate conditions it is advised to use a Unitex Cembond Sealer coat prior to the above minimum 2 coats of Unitex Protective Membrane. The Unitex Protective Membrane can be painted over the decorative Uni-Shape Mouldings (Refer to the Unitex Architectural Profiles and Columns brochure) so that the same colour continues over the entire wall.



There are two grades in the Protective Membrane category of Unitex Renders & Finishes. They are Uni-PTC™ and Uni-Flex Membrane™. The former provides a matte surface paint finish effect whilst the Uni-Flex Membrane leaves a satin textured surface effect.

In other respects the two products are similar in their ability to protect the Unitex Render Texture System from normal weather conditions. They are based around acrylic co-polymer dispersion binders combined with synthetic extender and surface additives and very fine graded quality fillers.

^Membranes will bridge existing minor render shrinkage hair-line cracking but will not bridge later substrate cracking (occurring after membrane application).

Note: For best results and longevity, dirt and dust build up on surfaces should always be regularly washed clean by the property owner.



Unitex Renders & Finishes Product Selection Table

| Substrate | Substrate Condition | Preparation | Base Coat |
|---|---|---|--|
| Unitex Uni-Base Board | Coarse | Polymer Render [¥] & Uni-Mesh (250mm) to sheet joints. Polymer Render & metal angles to all external corners. Polymer Render to all recessed fixing washers. | Unitex BBR (to min 5mm thickness over washers and baseboard). |
| Unitex Uni-IB Board | Coarse | Full surface Polymer Render [¥] (2-3mm) with Notched Trowel and imbedded 1m overlapped Uni-Mesh. Polymer Render & metal angles to all external corners. | Unitex BBR (to min 5mm thickness). |
| New Brick, Old Brick, Seconds, Concrete Blocks | Fine | Must be dry and sound surface. Remove all loose and powdery surface laitance. Polymer Render & metal angles to all external corners. | Unitex HiLite or Fast-R Render followed by a skim coat of Unitex Redi Render. |
| | Coarse | | |
| Bagged Brick, Painted Brick, Painted Concrete, Glazed Brick | Fine | Must be dry and sound surface. Remove all loose and powdery surface laitance. Polymer Render & metal angles to all external corners. | Unitex Polymer Render [¥] as key coat followed by HiLite or Fast-R Render (if required for build). |
| | Coarse | | |
| Insitu Concrete | Fine | Remove dust, building debris, form oil, grime and laitance. Must be dry prior to over coating. Polymer Render & metal angles to all external corners. | Unitex Polymer Render [¥] for smooth non-porous surfaces or Fast-R. Or HiLite Render for rough air-hold surfaces. |
| | Coarse | | |
| Pre-cast Panel | Fine | Remove all form oils or bond breakers. Clean as above (Insitu Concrete) then patch holes with Unitex Panel Patch. | Unitex Cembond Substrate Sealer (if surface is not acceptable for texture application use Unitex Polymer Render [¥] as key coat followed by HiLite or Fast-R Render (if required for build).) |
| | Coarse | | |
| Fibrous-cement Sheeting | Medium | Clean as per New Brick (above). Apply Uni-Mesh over butt-joints and into Polymer Render [¥] . Leave all Builder expansion joints open. | Levelling and smoothing coat/s of Unitex Polymer Render [¥] . |
| Rendered Wall (sand/cement) | Fine | Must be dry and sound surface. Remove all loose and powdery surface laitance. | Pigmented substrate sealer (multiple coats as required). |
| | Coarse | | |
| Textured Walls (sound) | Medium | Must be dry and sound surface. Remove all loose and powdery surface laitance. | Levelling and smoothing coat/s of Unitex Polymer Render [¥] . |
| AAC (Porous Blocks or Panels) | Fine | Remove dust, building debris, grime and laitance with a thorough water wash down. Leave to dry and heavily seal with Unitex Cembond Substrate Sealer using long nap roller. | 100mm Uni-Mesh IM to all panel-to-panel joints, embedded in base coat Unitex Fast-R Render. |
| | Fine | | |
| Tiled (sound) | Medium | Must be dry and sound surface. Remove all loose and powdery surface laitance. | Levelling and smoothing coat/s of Polymer Render [¥] . |
| Weatherboard | Remove boards and the treat as per Unitex Base Board (Cavity or Non-cavity) or Unitex IB Board (Cavity or Non-cavity). See manuals online at www.unitex.com.au or www.render.com.au | | |
| Old Worlde (lime) wash | Fine | Wash down with clean, warm water. When dry, soak seal with Unitex Cembond Substrate Sealer. (long nap roller) | If required, Unitex Polymer Render [¥] as key coat and Unitex Fast-R or BBR as build coat. |

[¥] POLYMER RENDER (FIBRO RENDER) always with 5-10% cement added homogeneously. [§] Recommended for professional use only on perfect substrates.

[^] Applications should not be carried out when the ambient temperature is, or is likely to be during the requisite drying period, below 10°C or above 35°C.

[†] A small number of ultra bright or ultra dark colours can not be satisfactorily matched

Note: Substrates are to always be dry at application stage and remain dry after application from interstitial water etc (i.e. damp courses in place and not to be bridged).

| Texture | Top Coat | Comments |
|---|---|--|
| Unitex Trowel Décor 777, 500, 333, 146§, 104, 165, Roll-on 109, 011 Or Uni-Dry Cote 800 series | Uni-PTC, Uni-Flex Membrane. Colour to match. Sealer & 2 top-coats, or as site determines. | Uni-Trowel Décor are liquid pre-coloured. 800 series Textures are supplied in powder form-just add water. |
| Unitex Trowel Décor 777, 500, 333, 146§, 104, 165, Roll-on 109, 011 Or Uni-Dry Cote 800 series | Uni-PTC, Uni-Flex Membrane. Colour to match. Sealer & 2 top-coats, or as site determines. | Uni-Trowel Décor are liquid pre-coloured. 800 series Textures are supplied in powder form-just add water. |
| Unitex Trowel Décor 500, 333, 146§, Roll-on 109. | Uni-PTC, Uni-Flex Membrane. Colour to match. | Unitex 146§, 777, 333, 104, 165 and Granular Marble are Trowel applied. |
| Unitex Trowel Décor 777, 104, 165, Roll-on 110, 109 and 011, Unitex Granular Marble. | Sealer & 2 top-coats, or as site determines. | Unitex 110, 109 and 011 are Roller applied. |
| Unitex Trowel Décor 500, 333, 146§, Roll-on 109. | Uni-PTC, Uni-Flex Membrane. Colour to match. Sealer & 2 top-coats, or as site determines. | Use the Cross-hatch Test procedure to confirm adequate removal of unsuitable and loose paint before applying any base render. |
| Unitex Trowel Décor 777, 104, 165, Roll-on 110, 109 and 011, Unitex Granular Marble. | | |
| Unitex Trowel Décor 500, 333, 146§, Roll-on 109, Uni-Rock. | Uni-PTC, Uni-Flex Membrane. Colour to match. Sealer & 2 top-coats, or as site determines. | For high-build (>10mm) use Polymer Render¥ as the primary key coat followed by HiLite or Fast-R Render to give the desired thickness. |
| Unitex Trowel Décor 777, 104, 165, Roll-on 110, Unitex Granular Marble. | | |
| Unitex Trowel Décor 500, 333, 146§, Roll-on 109, Uni-Rock. | Uni-PTC, Uni-Flex Membrane. Colour to match. Sealer & 2 top-coats, or as site determines. | Do not texture over expansion joints and sealant mastics. But may be coated with Uni-PTC (test area first for approval). |
| Unitex Trowel Décor 777, 104, 165, Roll-on 110, Unitex Granular Marble. | | |
| Unitex Trowel Décor 777, 104, 165, Roll-on 110, Unitex Granular Marble. | Uni-PTC, Uni-Flex Membrane. Colour to match. Sealer & 2 top-coats, or as site determines | Expansion joints (incorporating approved sealant) to be set by the Builder/Engineer. Unitex recommends regularly and/or minimum every 6-8m and between levels. |
| Unitex Trowel Décor 500, 333, 146§, Roll-on 109, Uni-Rock. | Uni-PTC, Uni-Flex Membrane. Colour to match. Sealer & 2 top-coats, or as site determines. | Nil top coat over Unitex Granular Marble. Caution: Sand/Cement render can give rise to efflorescence due to rising damp etc |
| Unitex Trowel Décor 777, 104, 165, Roll-on 110, Unitex Granular Marble. | | |
| Unitex Trowel Décor 777, 500, 333, 104, 146§, 165, Roll-on 109 and 110, Uni-Rock, Unitex Granular Marble. | Uni-PTC, Uni-Flex Membrane. Colour to match. Sealer & 2 top-coats, or as site determines. | Nil top coat over Unitex Granular Marble. Ensure adequate expansion and control joints. |
| Unitex Trowel Décor 500, 333, 146§, Roll-on 109. | Optional: Uni-PTC, Uni-Flex Membrane. Colour to match. | Confirm application approval from the substrate manufacturer prior to site works. |
| Unitex Trowel Décor 777, 104, 165, Roll-on 110, Unitex Granular Marble. | Sealer & 2 top-coats, or as site determines. | |
| Unitex Trowel Décor 777, 500, 333, 104, 146§, 165, Roll-on 109 and 110, Uni-Rock, Unitex Granular Marble. | Uni-PTC, Uni-Flex Membrane. Colour to match. Sealer & 2 top-coats, or as site determines. | Apply test area for adhesion approval by Builder. Expansion and control joints are recommended. |
| Unitex Veneto§ pigmented powder finish (modified mineral coating). Best results in 2 coats (first and top). | Sponge finished Unitex Veneto§ top coat | 24-48 hours after application and through-dry, spray drench wall to wash out unreacted components. Prior test finish with cross hatch/scraper. |

Unitex Finishes Swatches

These swatches have been matched with the wide range of Unitex Finishes available. The performance of Unitex Renders and Finishes is equalled by the Unitex production team’s ability to bring your dream to life. Simply provide a colour chart or paint chip and Unitex will match the finishes below to the colour of your choice†.



† A small number of ultra bright or ultra dark colours can not be satisfactorily matched.

Specifier’s Clause

Unitex Renders and Textured Finishes shall be spray, trowel, roller, or brush applied to the required thickness as specified, with one or multiple coats. The specified base coat render over the [insert Unitex description here] surface shall be [insert Unitex product name here] as manufactured by Unitex and applied to Unitex specifications. The specified Unitex Textured Finish surface coating system over the Unitex render base coat of [specify here] shall be [insert Unitex product name here] as manufactured by Unitex and applied to Unitex specifications. The product system must be from Unitex without other non-Unitex product substitution. Contact by phone 03 9768 4900 (Head Office), 02 9838 0911, URW 1800RENDER or www.unitex.com.au and www.render.com.au.

The information contained in the document is based on data available at the time of writing, which we believe is accurate and reliable. Unitex® reserves the right to change the information without prior notice.

Available from:

For a FREE sample contact us or visit unitex.com.au/specify

Head Office
Phone: (03) 9768 4900

Unitex Render Warehouse
Phone: 1800 RENDER
www.render.com.au

NSW Office
Phone: (02) 9838 0911

