

Technical Datasheet – Uniform Finish

GRAINED/TEXTURED

Ready Mixed 'Natural Stone' Finish

Description:

ProRend Colourtex Uniform is a ready mixed silicone based finish, manufactured from fine natural and coloured aggregates. ProRend Colourtex Uniform is a textured finish that has excellent weather, scratch and knock resistant qualities. Maintenance is therefore minimal. ProRend Colourtex Uniform contains carefully selected and blended raw materials giving a consistently durable and high quality product.

Composition:

Fine natural and special coloured aggregates in a silicone binder give excellent adhesion and weatherproofing.

ProRend Colourtex Uniform contains effective biocides to help preserve its attractive appearance.

Characteristics:

ProRend Colourtex Uniform can be finished in a uniform, flat texture to a thickness of 1.5. ProRend Colourtex Uniform resists the penetration of rain water. ProRend Colourtex Uniform has excellent weather resistance and durability, whilst allowing the structure to breathe.

Colours:

12 Standard colours, RAL, BS, colour matching service available

Clarity:

Note that where intense colours are used, the surface will be subject to increased thermal stress from (for example) solar radiation. Significant fluctuations in temperature, as experienced in temperate weather climates, will cause premature degradation in the finished surface. The dissipation of this heat will vary dependant upon the background and accordingly "clarity values" should be adhered to as follows:

- ProWall or other ventilated cement board systems > 5% clarity
- Strikotherm or ProRend EIFS insulation systems >20% clarity
- Masonry backgrounds
 - Solid Wall > 20% clarity
 - Cavity Wall > 5% clarity

Further advice is available from SAS (Europe) Ltd Technical Team based upon the specific colour nominated.

BS5262:

Code of Practice for External Renderings, should be followed at all times.

Sitework:

Scaffolding must be independently tied to allow uninterrupted application. Any faults in the structure, particularly, those which may lead to moisture penetration, must be rectified.

Site Conditions:

Do not apply in rain or when the substrate and/or the air temperature is below 5°C or above 30°C or, if exposure to these conditions is likely during setting and drying. When used internally, ventilation is required during the first few hours of drying.

Substrate:

ProRend Colourtex Uniform may be applied to primed, new or old substrates. Externally, ProRend Colourtex Uniform may be applied to suitably smooth and flat surfaces of cement based rendering, fair faced concrete, exterior grade composition and cement boards, however ProRend Float is the recommended substrate.

Additional surfaces (for internal application only), are suitably smooth and flat plasters, gypsum finishing plasters, dry lining, plywood and suitable insulating boards.

This list is not exhaustive and other surfaces such as brickwork/blockwork may be coated after they have been provided with necessary preparation work, please consult our Technical Team for advice.

Preparation:

All surfaces should be dry, sound, clean, reasonably smooth and free from loose material, oil and grease.

Organic growths must be removed and treated using a good quality algicide (*attain advice from our technical department*) and following the detailed instructions for its use.

Use masking tape to obtain well defined edges. Remove tape directly after finishing

Priming:

Externally, all surfaces should receive a coat of ProRend Coloured Primer and allowed to dry fully.

Internally, surfaces should be primed with ProRend Coloured Primer unless the surfaces are chalky or friable where necessary cleaning and making good should be carried out prior to the application of ProRend Coloured Primer. All applications of coloured primer should be in the colour closest to the decorative finish.

Exceptionally poor surfaces may need special treatment. Our Technical Support Team will be pleased to advise.

Application:

It is essential that ProRend Colourtex Uniform is mixed before use. Add a maximum of 2% water to the material and mix thoroughly. An electric hand mixer (such as a drill and whisk) should be used to achieve good workability.

PRODUCT OF DIFFERENT BATCH NUMBERS SHOULD **NOT** BE USED ON THE SAME ELEVATION. ALL BUCKETS SHOULD BE INTERMIXED.

ProRend Colourtex Uniform should be applied by an applicator with experience with this type of product.

ProRend Colourtex Uniform should be applied to the backing by traditional methods. A tight coat to the thickness of the largest aggregate within the material is applied using a stainless steel hawk and trowel. A flowing edge should be maintained. Do not interrupt application until a complete section is finished. After approximately 10-30 minutes, depending on the drying conditions, the material is finished

by rubbing with a smooth plastic float. Externally, under rapid drying conditions, finishing may be required sooner. Any splashes should be removed with clean water immediately as work progresses.

ProRend Colourtex Uniform can also be sprayed using suitable machinery (contact our Technical Team for further details).

Curing / Drying:

ProRend Colourtex Uniform will normally be surface dry within several hours and through dry within 48-72 hours depending on the substrate and drying conditions. Suitable protection should be provided from unfavorable weather conditions until ProRend Colourtex Uniform is through dry.

Protection:

Cover parts which do not have to be treated with ProRend Colourtex Uniform with paper and tape. Remove them directly after applying the finish.

Cleaning:

All equipment must be cleaned immediately after use with water. Waste material should not be emptied into any drainage system.

Coverage:

Coverage will depend upon the surface being coated. As a general guide, when applied 1.5mm thick, coverage is ~ 6-6.5m² per bucket.

Packaging:

ProRend Colourtex Uniform is supplied in 17kg buckets.

Storage:

ProRend Colourtex Uniform should be stored in cool, dry conditions at a temperature greater than 5°C. Protect from sunlight and sources of direct heat. The container should be kept closed when not in use. Do not stack more than four containers high.

Health & Safety:

Refer to material safety data sheet for full details of safety measures

Technical Service:

A Technical Advisory and Specification Service is available on request.

Mixing:

The actual colour of the product should be verified against that which has been specified. Natural variations which occur in raw materials can lead to differences. Where more than one tub of ProRend Colourtex Uniform is needed to complete a section, or where adjoining sections are to be finished in ProRend Colourtex Uniform, the contents of all tubs needed should be mixed together. This will avoid the possibility of different shades occurring in the surface finish.

** Subject to alteration due to technical developments.*