



Technical Data Sheet

PROREND MINERALTEX

DESCRIPTION

ProRend Mineraldex is a cement based, ready mixed render (with the addition of water), designed for application over ProRend basecoats. Specifically designed to incorporate the benefits of a thin coat render into a cementitious render system. Water is thus prevented from penetrating the masonry, while moisture accumulating inside is able to escape without problem. ProRend Mineraldex is to be applied to the thickness of the grain and finished with a Mineraldex sponge float.

COMPOSITION

A premium industrially-produced stone finishing plaster, based on bonding agents of white lime hydrate, white cement, white marble stone and lightweight additives with a variable grainy texture.

CHARACTERISTICS

ProRend Mineraldex is suitable for hand application.

ProRend Mineraldex is a low-maintenance plaster that is scratch-proof and chip-proof, remaining malleable and easy to work. It is also weather-resistant against driving rain, robust and resistant to industrial and air pollution.

COLOURS

White (65,000+ with use of silicone paint)

PACKAGING

25 kg paper bag
40 bags per pallet

COVERAGE

~8m² per bag

STORAGE

Can be kept for 6 months in cool dry conditions and off of the ground.

BS EN 13914-1:2005

Design, preparation and application of external rendering and internal plastering should be followed at all times.

SITWORK

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

Temperature range, 5 - 30 degrees centigrade. ProRend Mineraldex must not be applied to frozen or thawing substrates. If the coating must be applied in adverse weather conditions, it is essential to protect both the working area and finish before and after application.

SUBSTRATE

ProRend Mineraldex is designed to be applied over all ProRend basecoats

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PREPARATION

The background has to be supporting and free from dust, loose particles, damp and other pollution which can be of disadvantage to the bonding. Protect fresh render work against weather influences.

Cover parts which do not have to be treated with ProRend Mineraldex with paper and tape. Remove them directly after application of finish.

APPLICATION

Mix dry ProRend Mineraldex with approx. 7.5 litres of clean tap-water per 25 kg bag, into a lump-free, homogenous mass. ProRend Mineraldex 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. Leave for approximately 10-20 minutes, depending on drying conditions, the ProRend Mineraldex is finished by rubbing up with a ProRend Mineraldex sponge float in either horizontal, vertical or circular strokes. Once fully cured ProRend Mineraldex can be painted with silicone paint.

CURING

Curing with clean water may be necessary during rapid drying conditions.

HEALTH & SAFETY

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

TECHNICAL DATA

Grain size:	~2.0 mm
Water-mortar proportion:	~7.5 l/25 kg
Bulk density:	~1.4 kg/m ³
Set mortar density:	~1.33 kg/m ³
Compressive strength:	~3.5 N/mm ²
Bending resistance:	~1.5 N/mm ²
E-module:	~2700 N/mm ²
Reaction to fire:	A1
Water absorption:	W2
Water vapour permeability μ :	5/20
Water vapour diffusion coefficient:	15/35
Thermal conductivity λ :	0.83 W/mK (P=50%) 0.93 W/mK (P=90%)

nb. Subject to alteration due to technical developments.

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