
MINERALTEX

Description:

PROREND MINERALTEX is a cement based, through coloured, ready mixed render (add water), designed for application over a base coat of PROREND RAPID or other PROREND basecoat as specified. 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 MINERALTEX 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 MINERALTEX is suitable for hand application.

PROREND MINERALTEX 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:

4 standard: white, ivory, cream, wheat

Technical Data:

Mortargroup	: CSII according to DIN EN 998-1 / PII according to DIN 18550		
Binding Agent	: white cement and slaked lime		
Additive	: white marblestone		
Grain size	: approx. 2 mm		
Water-mortar proportion	: approx. 7.5 L / per 25 kg		
Bulk density (volume weight)	: approx. 1.4 kg/dm ³		
Volume weight finished product	: approx. 1.33 kg/dm ³		
Pressure resistance	: approx. 3.5 N/mm ²		
Bending resistance	: approx. 1.5 N/mm ²		
E-module	: approx. 2700 N/mm ²		
Water absorption	: W2 (according to DIN EN 998-1)		
Water Vapour permeability (μ)	: 5/20 (according to EN 1745)		
Heat coefficient (λ)	: 0.39 (m ² .K/W)	P=50%	according to EN 1745
	: 0.44 (m ² .K/W)	P=100%	according to EN 1745

All above value's are measured in a laboratory under set conditions, differences in practice are possible.

BS EN 13914-1: 2005

Design, preparation and practical application of external rendering and internal plastering – part 1, external rendering, 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:

Temperature range, 5–30°C. PROREND MINERALTEX must not be applied to frozen or thawing supports. 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 MINERALTEX is designed to be applied to a base of PROREND RAPID which can be applied as a one coat render on medium density blockwork with normal suction. For alternate substrates please consult the SAS Technical Team.

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.

Application:

Mix dry PROREND MINERALTEX with approx. 7.5 litres of clean tap-water per 25 kg bag, into a lump-free, homogenous mass. PROREND MINERALTEX 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 MINERALTEX is finished by rubbing with a PROREND MINERALTEX sponge float in either horizontal, vertical or circular strokes. Do not mix with any foreign additives. Clean tools directly after use with water.

Curing / Drying:

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

Protection:

Cover parts which do not have to be treated with PROREND MINERALTEX with paper and tape. Remove them directly after application.

Cleaning:

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

Coverage:

~8m² / bag

Packaging:

25 kg paper bag
42 bags per pallet

Storage:

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

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.

Note:

The chosen colour can differ slightly from the original sample or colour chart. This is due to varying factors including application conditions and background. Subsequent orders of different batches can also moderately vary for which we can not be held responsible.

** Subject to alteration due to technical developments*