
PREP

Description:

PROREND PREP Basecoat is very suitable for levelling and renovation indoors and outdoors on mineral and synthetic resin bound backgrounds. PROREND PREP Basecoat can be finished with PROREND decorative renders, Silicate Paint, or PROREND thin or decorative renders. PROREND PREP Basecoat is also suitable as background for tiling.

Composition:

High-quality, factory-composed dry mortar according to DIN 18557 and 18550. Fineness and grain composition of the sand according to DIN 4226, part 1, grain composition 0 – 1.5 mm. Binding agent according to DIN 1060 and 1164 and approved additives, e.g. alkali-resistant reinforcement fibre, for better workability and obtaining the desired qualities.

Characteristics:

PROREND PREP is a smooth render, easy to apply by hand or machine. PROREND PREP Basecoat has very good bonding after drying, is vapour-permeable and water-repellent.

Colours:

Grey

Technical data:

Mortar group	: CSII according to DIN EN 998-1 / PII according to DIN 18550		
Binding Agent	: lime, cement		
Additive	: alkali-resistant fibre		
Grain size	: approx. 1.0 mm		
Water-mortar proportion	: approx. 8 L / per 25 kg		
Bulk density (volume weight)	: approx. 1.1 kg/dm ³		
Volume weight finished product	: approx. 1.2 kg/dm ³		
Pressure resistance	: approx. 3.5 N/mm ²		
Bending resistance	: approx. 1.7 N/mm ²		
E-module	: approx. 3000 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)	: 0.83 (m ² .K/W)	P=50%	according to EN 1745
	: 0.93 (m ² .K/W)	P=90%	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 PREP Basecoat 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:

Background has to be free from dust, loose particles, damp and other pollution which can be of disadvantage to the bonding. Supporting, mostly hydraulic backgrounds like old render layers and old well-fixed decorative renders are suitable backgrounds. Do not apply PROREND PREP Basecoat on pure lime renders and backgrounds with intermediate lime layers.

Preparation:

Remove soft and loose old render layers. Clean well-fixed layers with a high pressure spraying pistol (100 bar) with cold, clean water.

Application:

Mix dry mortar PROREND PREP Basecoat with tap water, mix into a lump-free, homogenous mass. Wait for 10 minutes and mix again shortly. Apply with a trowel in a layer of 4 mm thickness on the highest point in the background. Remove the top layer after some drying with a lattice structure board. Each layer must not be thicker than 20mm. Protect fresh render against weather-influences. PROREND PREP Basecoat is easy to apply by machine. Pay attention to the required minimum layer thickness. If tiles are applied onto the PROREND PREP Basecoat, the top layer has to be at least 10 mm.

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 PREP 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:

~1.1 kg/m² for each mm thickness

Packaging:

25 kg paper bag
40 bags per pallet

Storage:

Can be kept for approx. 6 months if stored dry.

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:

Test background on supporting capacity before application of PROREND PREP Basecoat. Additives not allowed.

For machine application, it should be noted that PROREND PREP should be applied by a Contractor who has the expertise and necessary equipment to carry out projection rendering, details of such Contractors can be obtained from ourselves.

** Subject to alteration due to technical developments.*