



Technical Data Sheet

PROREND 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 a 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

PACKAGING

25 kg paper bag
40 bags per pallet

COVERAGE

1.1kg/mm/m²

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 Prep 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 Prep can be applied as a basecoat to standard density, medium density, low density and aerated concrete blocks, high density masonry, stone, concrete and existing rendered backgrounds. Do not apply ProRend Prep on pure lime renders or backgrounds with intermediate lime layers.

SAS (Europe) Ltd | Cheriton Bishop | Devon | EX6 6JE
T: 01647 24620 | F: 01647 24020 | info@sas-europe.com | www.sas-europe.com

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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 Prep with paper and tape. Remove them directly after application of finish.

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 4-6 mm thickness on the highest point in the background. Key each layer of ProRend Prep. 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

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: | ~1 mm |
| Water-mortar proportion: | ~8 l/25 kg |
| Bulk density: | ~1.1 kg/m ³ |
| Set mortar density: | ~1.2 kg/m ³ |
| Compressive strength: | ~3.5 N/mm ² |
| Bending resistance: | ~1.7 N/mm ² |
| E-module: | ~3000 N/mm ² |
| Reaction to fire: | A2 |
| Water absorption: | W2 |
| Water vapour permeability μ : | 5/20 |
| Water vapour diffusion coefficient: | 15/35 |
| Thermal conductivity λ : | 0.45 W/mK (P=50%) 0.49 W/mK (P=90%) |

nb. Subject to alteration due to technical developments.

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