



Technical Data Sheet

PROREND LITE

DESCRIPTION

ProRend Lite is especially suitable for application on ProBoard cement particle board and insulation systems. ProRend Lite is spatula finished ready for a subsequent application of ProRend Colourtex primer and finish coat.

COMPOSITION

A premium industrially produced stone mortar based on bonding agents of lime and cement in accordance with DIN 1060 and DIN 1164 with mild additives.

CHARACTERISTICS

ProRend Lite has outstanding hydraulic and water-repelling properties. It can be worked easily, manually or mechanically as a bonding and foundation mortar. After setting, this mortar ensures healthy living conditions thanks to its excellent water-permeability characteristics.

COLOURS

White

PACKAGING

20 kg paper bag
42 bags per pallet

COVERAGE

0.875kg/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 Lite 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 Lite can be applied to ProBoard cement particle board or ProRend EIFS insulation systems – contact SAS for specification.

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

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APPLICATION

Mix into a homogenous mass with approximately 7.2 litres of water per 20kg bag and apply manually or mechanically.

Bonding insulation boards:

Apply the coat of ProRend Lite to the rear of the insulation board with a combing-trowel (size 10 x 10mm), such that the trails of ProRend Lite have a thickness of 10 mm. The entire rear face of the insulation board must be covered with ProRend Lite.

Applying ProRend Lite - ProMesh coat:

Apply ProRend Lite evenly with a hawk and trowel, embed the ProMesh Grade 3, with an overlap of at least 10 cm in the mortar, and smooth down using a trowel or spatula, apply a second coat of ProRend Lite if required so that the total thickness is approx. 5-6 mm. Ensure that ProMesh Grade 3 is fully embedded over entire elevations.

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:	~7 l/20 kg
Bulk density:	~0.9 kg/m ³
Set mortar density:	~1.0 kg/m ³
Compressive strength:	~4.0 N/mm ²
Bending resistance:	~1.9 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 :	0.39 W/mK (P=50%) 0.43 W/mK (P=90%)

nb. Subject to alteration due to technical developments.

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