



## Technical Data Sheet

# PROREND FLOAT

### DESCRIPTION

ProRend Float is especially suitable for application on dense concrete block and sound masonry backgrounds, indoors as well as outdoors. ProRend Float can be either smooth finished, sponge textured or keyed to receive a subsequent coat. It provides an excellent background for all calcareous finishes, tiling and ProRend decorative renders.

### COMPOSITION

High-quality, factory-composed dry mortar according to DIN 18557 and 18550. Grain composition of the sand according to DIN 4226, part 1, grain composition 0 – 1.3 mm. Binding agent according to DIN 1164 and 1060, approved additives, light weight mineral additives, for better workability.

### CHARACTERISTICS

ProRend Float is a flexible render, easy to apply by hand or machine. Because of the lightweight additives, surface tension between render and background is minimised. After hardening, ProRend Float is weather-resistant and a thermal insulant.

### COLOURS

Grey

### PACKAGING

25 kg paper bag  
40 bags per pallet

### COVERAGE

1.39kg/mm/m<sup>2</sup>

### 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 Float 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 Float can be applied to all sound supporting masonry backgrounds. A mechanical key of ProRend Prep may need to be provided on low suction masonry. Lime cement primer may be required to control high suction backgrounds.

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

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### APPLICATION

Mix dry ProRend Float with tap water into a lump-free, homogenous mass. Apply ProRend Float by hand or machine in one or several layers, depending on the desired thickness. Rule off with a straightedge. Always horizontally key the surface if ProRend Float is to receive further coats. Allow every layer to harden and dry sufficiently. Each layer must not be thicker than 20 mm, minimum layer thickness of 10 – 15 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:	~1.2 mm
Water-mortar proportion:	~5.7 l/25 kg
Bulk density:	~1.3 kg/m <sup>3</sup>
Set mortar density:	~1.4 kg/m <sup>3</sup>
Compressive strength:	~3.0 N/mm <sup>2</sup>
Bending resistance:	~1.4 N/mm <sup>2</sup>
E-module:	~2800 N/mm <sup>2</sup>
Reaction to fire:	A1
Water absorption:	W2
Water vapour permeability $\mu$ :	5/20
Water vapour diffusion coefficient:	15/35
Thermal conductivity $\lambda$ :	0.39 W/mK (P=50%) 0.43 W/mK (P=90%)

*nb. Subject to alteration due to technical developments.*

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