
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 Coloured 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:

Lightweight render 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

Technical data:

Mortargroup	: CSII according to DIN EN 998-1 / PII according to DIN 18550		
Binding Agent	: lime and cement		
Additive	: perlite		
Grain size	: approx. 1.2 mm		
Water-mortar proportion	: approx. 5.7 L / per 25 kg		
Bulk density (volume weight)	: approx. 1.3 kg/dm ³		
Volume weight finished product	: approx. 1.4 kg/dm ³		
Pressure resistance	: approx. 3 N/mm ²		
Bending resistance	: approx. 1.4 N/mm ²		
E-module	: approx. 2800 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)	: 0.47 (m ² .K/W)	P=50%	according to EN 1745
	: 0.54 (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 FLOAT 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 FLOAT can be applied on to all sound supporting masonry backgrounds. Background has to be free from frost, dust, loose particles, damp, and other pollution which can interfere with the adhesion to substrate.

Preparation:

For backgrounds with weak or irregular suction, apply PROREND PREP prior to PROREND FLOAT and allow to cure. Embed render supports or PROMESH reinforcing mesh on background of varying materials.

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 (rule: 1 day drying time for every mm of layer thickness). Each layer must not be thicker than 20 mm. Protect fresh render against rapid drying. Allow minimum layer thickness of 10 – 15 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 FLOAT 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:

~1.25kg/m² for each mm thickness

Application thickness	Usage/25kg
~ 10 mm	~ 2.0 m ²
~ 15 mm	~ 1.33 m ²

Packaging:

25 kg paper bag
40 bags per pallet

Storage:

PROREND FLOAT can be kept for approx 6 months if stored in clean, dry conditions.

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:

Mix whole bag at a time to prevent separation of the additives. Other additives not allowed.

For machine application, it should be noted that PROREND FLOAT 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.*