Product Data Sheet: Finish WP

9/09/2014

Finish WP is a mineral top coat render for use with Warmshell external wall insulation. Finish WP is based on Hydraulic Lime and natural and recycled aggregates. Please call for lead times.

General Information

Finish WP is a decorative and weather proof pre-coloured topcoat render for woodfibre boards. It is used with Prepbond WP undercoat. It has exceptional water resistance while remaining highly breathable, a combination that protects and preserves the insulation underneath.

Packaging

Available in 22kg bags. Finish WP is available in different textures and in 36 colours. See colour chart for further details. A batch code, colour and texture reference is printed on the side of the bag.

Coverage

Approximately 1.5kg per mm of thickness over 1m². One 22kg bag will cover approx. 2.9m² at 5mm thick. This does not include any allowance for wastage.

Surface Preparation

Apply to a flat, previously keyed basecoat of Prepbond WP. The background should be flat (typically ±3mm per metre). Dampen the surface with a gentle mist spray of water before starting.

How to Mix

One 22kg sack will need approximately 4 to 5 litres of clean water. Finish WP should be mixed either with a suitable render spray machine or drill and whisk for between 5 and 10 minutes. The mixing time should ensure the product is thoroughly consistent without lumps of unmixed material.

Once the mixing practice is established it must remain consistent across the elevation or during one days work.

How to Apply

This product cannot be reworked and must be used within an hour, do not add additional water as this will cause a change in the colour. Apply once the base coats have had sufficient time to cure. Finish WP should be applied in a uniform thickness of 5mm, never use Finish WP to build out and level. Avoid over working and use only a light mist spray if applying water to the surface of the finishing coat.

Finish with a trowel or a wooden float or a sponge in gentle circular motions for an alternative and slightly rougher finish.

Curing and Why

The prevention of drying out too quickly is the key to the success of the application. Lightly spray the base coat if it is too hot or drying out too quickly. In addition, protect from harsh weather conditions, for example, frosts, rain and direct sunlight. The use of damp hessian, fixed to the wall can slow down the drying out process and provide protection from adverse weather conditions.

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Performance

Test	Result	Standard Info
Water Vapour Perm. Coefficient (μ)	5/20	EN1745*
Compressive strength @ 28 days N/mm²	CSII	EN 1015-11
Capillary water absorption kg/m².min	W2	EN 1015-18
Thermal Conductivity w/m.K P=50%	0.47	EN 1745*
Thermal Condutivity w/m.K P=90%	0.54	EN 1745*

Health and Safety	
Risk Phrases	Safety Phrases
R36/37/38 Irritating to eyes, respiratory system and skin	S22 Do not breathe dust
R66 Repeated exposure may cause skin dryness or cracking	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S24/25 Avoid contact with skin and eyes
	S36 Wear suitable protective clothing

This is not a specification. Trials should be undertaken on old surfaces & backgrounds to ensure compatibility. Lime plasters do not set or perform like gypsum or cement based materials

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