

Date: 11 July 2011

Information Sheet No.: TDS00479

SEALOCRETE SEALOFLOOR SUPER

A LATEX MODIFIED CEMENT BASED SMOOTHING COMPOUND

Sealocrete Sealofloor Super is a one pack, polymer modified, cement based, self-smoothing floor underlayment. It has been specially formulated to provide all the advantages of a standard single pack levelling compound, i.e. easy to mix and lay, whilst also exhibiting superior adhesion to most substrates and allowing a degree of resilience to movement. Before using this product refer to the relevant Health & Safety Data Sheet.

Features

- For application to most porous and non-porous building substrates including concrete, cement based screeds, stone, quarry tiles and timber.
- Suitable for refurbishment work in domestic and commercial premises.
- For stiffly constructed timber floors where movement of the substrate is limited, provide adequate ventilation is available under the floor.
- Easy to mix and lay.
- Gives a self-smoothing finish.
- Excellent adhesive properties.
- Flexible, can be used with under-tile heating units.

Product Characteristics

Colour	Grey
Odour	Cement
Form	Dusty powder
Chemical Type	Cement modified with latex
Product Code	187764 25kg lined paper sacks
Shelf life/storage	6 months when stored in the original unopened bags. Store in dry conditions between 5°C and 25°C.

Typical Performance Data (approx.)

Working time	30 mins @ 20°C.
Initial Set	1.5 hrs @ 20°C. Low temperatures, high humidity and poor ventilation will all retard set.
Light Foot Traffic	6hrs @ 20°C

Coverage 5m² at 3mm thickness per 25kg

Directions for use

IMPORTANT

Before using Sealocrete Sealofloor Super refer to the relevant Health & Safety Data Sheet. Available at www.sealocrete.com named as the code above.

Preparation

1. All surfaces, new or old must be sound and free of dust, oil, grease, loose flaking material, bitumen and adhesive deposits, laitence and sealers.
2. Floors must not be subject to rising damp and there must be sufficient ventilation to permit Sealocrete Sealofloor Super to cure satisfactorily.
3. Concrete floors and screeds must be fully cured and all holes, cracks, worn concrete etc, should be patched before application of the Sealocrete Sealofloor Super.
4. Wooden floors must be very firmly fixed.
5. Floorboards must be securely nailed down at no more than 100 mm centres and any gaps between the board must be plugged and filled. Since all wooden floors are subject to movement by humidity and general seasonal temperature changes, our application suggestions cannot be taken as a specification.
6. Non-porous surfaces do not require priming; porous surfaces should be thoroughly damped with water or primed with Sealobond PVA diluted 1 part to 5 parts water, to counteract suction and help prevent pinholing or cracking.
7. Under floor heating must be switched off at least 24 hours before application.

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8. Add 25 kg of Sealocrete Sealoflor Super to 5 litres of clean water and mix in a clean vessel until a smooth, lump-free consistency is obtained.
9. Mixing is best achieved using a slow speed drill and paddle.
10. Small quantities can be mixed by adding 3.5 parts by volume of Sealocrete Sealoflor Super to 1 part water.
11. Do not mix more material than can be used within 20 minutes.
12. Do not add extra water or remix if mix begins to stiffen.

Application

1. Pour the mixed Sealocrete Sealoflor Super onto the prepared surface and spread using a steel float to a maximum thickness of 6 mm.
2. Ensure adequate ventilation during application.

3. Under high temperatures, particularly if air movement is pronounced, a curing membrane will reduce the risk of cracking.
4. For thickness greater than 6 mm, clean sharp sand can be added to the mix up to a ratio of 1:1 by weight of dry powder. Addition of sand will greatly extend set times and reduce workability of the mix.

Precautions in Use

Air and floor temperatures must be maintained between 5°C & 25°C during application and curing. Excessive suction is usually associated with a weak substrate. Never apply Sealocrete sealoflor super to a weak substrate. Do not use Sealocrete Sealoflor Super on a flexible surface. Sealocrete Sealoflor Super is not a wearing surface, so should not be left uncovered.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Sealocrete Sealoflor Super.

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