



Sovereign Flexible Floor Levelling Compound

For the preparation of uneven subfloors.



Product Code
30806171

Description

Sovereign Flexible Floor Levelling Compound is a polymer and fibre reinforced smoothing compound for the preparation of uneven subfloors prior to the application of various floor finishes.

Form Supplied: Dry Powder

Pack Sizes: 20 kg

Colour Range: Grey

Contains: Blend of cements, selected fillers, special additives, and a dispersible polymer.

Properties

Sovereign Flexible Floor Levelling Compound can be used to level timber, concrete, asphalt, tiles, metal and painted floors.

Due to its flexible nature it is suitable for use in conjunction with under floor heating and is ready to take light foot traffic after 2 – 3 hours and receive floor coverings in as little as 4 hours.

Preparation

Timber backgrounds: Must be rigidly braced and then overlaid with marine grade plywood a minimum of 6 mm thick and secured according to the guidelines outlined in BS5325 and BS8203. Prime the face of the timber with Sovereign Neoprene Primer diluted 4 parts water to 1 part Primer. Allow to dry – typically 2 hours.

Concrete: Must be clean dry and free of any material that may interfere with adhesion. (Adhesive residues can be left in place as long as they are firmly bonded). An effective DPM must be in place and the concrete be at least 28 days old and below 75% RH moisture content. Prime concrete with Neoprene Primer as above. Damp concrete floors should first be treated with Sovereign Epoxy DPM & Neoprene Primer (neat).

Non/low absorbency floors: Such as flooring grade asphalt, quarry tiles, terrazzo, natural stone, metal and painted surfaces – degrease the surface thoroughly and rinse with clean water and allow to dry completely. Prime the surface with Sovereign Neoprene Primer used neat and allow this to dry – typically 3 – 4 hours.

Steel surfaces: Must be grit blasted to SA21/2 or rotary disc / wire brushed to ST2.

The temperature of the floor must be maintained above 5°C throughout the application and drying of the underlayment.



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MIXING

Gradually add 1 bag of Flexible Levelling Compound to 4.5 litres of clean water. Stir with a power whisk fitted to an electric drill until a smooth creamy lump free consistency is achieved. The material should be mixed for a minimum of 2 minutes. Do not add further water. Do not mix more material than can be applied in 20 minutes.

For filling depressions 15-25 mm deep in concrete or sand / cement subfloors, add dry sharp sand after the powder. Use in the ratio 10 kg of dry sand to 20 kg powder.

25 mm is the maximum depth recommended for this product when gauged with sharp sand.

APPLICATION

Pour the mixed material onto the prepared subfloor and allow to flow and attain a smooth finish, minimal work with a smoothing trowel is required. The mixed material should be applied at a thickness of between 2 mm to 15 mm, (10 mm maximum over plywood) but can be taken down to a feathered edge if required.

For best results, an overall thickness of at least 3 mm should be maintained.

For filling depressions 15-25 mm add dry sharp sand as described above. Any high spots can be removed with an abrasive prior to full set.

COVERAGE

Approximate coverage values for a 20 kg bag are as follows:

Thickness	Coverage
3 mm	4.1 m ²
5 mm	2.5 m ²
10 mm	1.2 m ²
15 mm	1 m ² (inc. sand mix)

WORKING TIME/POT LIFE

Approximately 20 minutes at 20°C / 30 minutes at 10°C.

DRYING TIMES

Foot Traffic 1-2 hours at 20°C / 2-4 hours at 10°C.

On absorbent surfaces, at a nominal 3 mm thickness, the compound will be ready to receive vinyl, ceramic and textile floor coverings after 4-6 hours at 20°C / 8-12 hours at 10°C.

For greater thicknesses or for application onto non-absorbent surfaces, we would recommend that vinyl floor coverings are installed after 12 hours at 20°C / 24 hours at 10°C.

Timber floors must be allowed to acclimatize for a minimum of 48 hours in the room in which they are to be laid, but in all circumstances the manufacturers' instructions must be followed.

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Storage: Between 5°C – 30°C.
This product must be stored undercover, in unopened bags, clear of the ground in cool dry conditions, protected from frost and excessive draughts.

Shelf Life: 6 months from date of manufacture, shown on the packaging.

HEALTH & SAFETY

- ! Contains Cement, portland, chemicals (Chromium VI reduced) can cause skin irritation and serious eye damage.
- ! May cause respiratory irritation
- ! Avoid breathing dust.
- ! Keep out of reach of children
- ! Wear protective gloves/protective clothing/eye protection/face protection
- ! IF ON SKIN: Wash with plenty of water and soap
- ! IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing



Health & safety information
available on request



Important Disclaimer

The information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that product, techniques and codes of practice are under constant review and changes occur without notice. Please ensure you have the latest updated information.



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