












Features

FreeForm Self-Levelling Underlayment (SLU) is polymer-modified cement powder matrix that has high flow characteristics. FreeForm SLUs are typically used to create a flat and smooth surface with excellent technical characteristics and are used prior to installing interior floor coverings. SLUs are very relevant now as the degree of flatness and smoothness required for floor covering products has increased, with vinyl goods becoming thinner and floor tiles becoming larger, for example.

Key features include:

 <p>Thin Layer Application Environment friendly</p>	 <p>High Workability Fast completion of project</p>	 <p>Lower Dimensional Shrinkage Fewer cracks in concrete</p>
 <p>High Adhesion to Substrate Less peeling off High bonding</p>	 <p>Slight Flexibility in Material Less cracks Large panel sizes</p>	 <p>High Strength High durability Low maintenance cost</p>
 <p>Extensively Tested Quality assurance for you</p>	 <p>No Contamination Better performance</p>	 <p>High Consistency Peace of mind</p>

Application

- On mother slab for levelling application
- For renovation works
- Before application of final overlays

Appearance

Supplied as single component premixed fortified mortar. Only water has to be added at site

Specifications

Max. Aggregate Size	Compressive Strength
4 mm	>40 N/mm ²
Flexure Strength	Bulk Density
>6 N/mm ²	~1500 kg/m ³
Wet Density	Output/Coverage
~2200 kg/m ³	~2.2 kg /mm/m ²
Water Requirement	
~12.5% of weight	
Work Time	
Minimum 30 minutes. Will be less when temperatures exceed 28°C or humidity less than 50%	

Application Thickness

We recommend to use the SLU material in 0 to 12 mm thickness.

Base Surface Preparation

The concrete base or other floor bases must be clean, free of dust and grease. The base must be consistent, without loose particles and disaggregation. The foundation should have a minimum tensile strength of 1.5 MPa. The base must be visually dry. Cracks in the base should be repaired. Weak bases must be removed or restored. The foundation should be ground or blasted and then aspirated.

Application/Installation Method

Please refer to separate sheet for guidance on application method.

Curing

The finished surface may be lightly sprayed with water soon after completion of work in case of hot and windy climate, to prevent excess drying out.

Open to Traffic

24 hours for foot traffic

Packing

25 kg bag

Shelf Life

Minimum 3 months from date of packing before opening. Use within few hours of opening. Store in dry conditions.

Precautions

Should be stored away from moisture or water.

Applicable Standards

EN 13813 Screed material and floor screeds. Screed material- Properties and requirements

Technical Support

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Disclaimer

Any recommendations for application techniques are based on experiences. It is advisable to adapt processing techniques and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery. Hairline crack formation or deformation by shrinkage on principle cannot be excluded with the offered system and thus are not considered as technical defect. Test areas are strongly recommended before usage/execution in larger areas.

Health Precautions

This product contains cement and has an alkaline reaction with moisture/water. Adequately protect hands and eyes. In case of contact with eyes consult doctor immediately.

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