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Product Data Sheet

SO FAST 30

RAPID SETTING RAPID DRYING
TWO PART SMOOTHING COMPOUND



Description

So Fast 30 – latex screed is a Premium high strength, rapid drying and setting, two part smoothing compound. It consists of a Portland cement free powder component containing a blend of special binders and carefully graded aggregates and fillers and a pre-weighted gauging liquid polymer dispersion.

The two components are mixed together to produce a fluid smoothing underlayment for the preparation of cementitious sub floors prior to the laying of vinyl, carpet or Ceramic tiles. Its rapid drying formulation enables it to be walked on in approximately 30 - 45 minutes and facilitates the laying of most unbonded materials in 45 – 60 minutes.

So Fast 30 – latex screed can be applied at thicknesses between 2 and 15mm.

Features

- Rapid drying
- 2 – 15mm Depth
- With added Fibres
- Foot Traffic 30 Minutes at 200
- Dries in 3 - 4 hours at 200
- Excellent flow characteristics
- Smooth surface
- Protein Free
- Portland cement free
- BSEN 13813 CT-C25-F7

British Standard - Guidelines

All aspects of the installation must be in accordance with the requirements of BS 8204, BS 8203 (Installation of Resilient Floorcoverings), BS5385 (for tiling) or BS5325 (Installation of Textile floor coverings). Complies with EN standards and supplementary specifications.

Preparation - General

All subfloors should be protected from moisture from the sub-ground by use of a Damp Proof Membrane. Determine the moisture level in accordance with BS8203, which should be 75% RH or less. If this is not obtained a Suitable surface DPM must be used. Any laitance, dust, adhesive residue plaster, grease paint etc. or other contaminants which may prevent adhesion to the subfloor should be mechanically removed.

Concrete & Sand/Cement Screeds

Concrete and sand/cement screeds must be dry and any laitance or surface treatments removed. Sand / Cement screeds must have a moisture reading of less than 75% RH before work can begin. Allow approximately 1 day per mm for drying of new screeds.

Power Floated Concrete

The concrete should have been allowed to dry for at least 6 weeks and have a moisture reading of less than 75% RH before work can begin. Power floated concrete can have a loose top layer and in some cases laitance once it has dried. Mechanically remove any laitance or surface treatments. All dust and debris should be removed using a vacuum.

Under-floor Heating

Under-floor heating must be switched off for at least 48 hours before and after application. When switching on, start with a low temperature, gradually increasing to its operating temperature at a maximum rate of 5°C per day.

Flooring Grade Asphalt

The surface must be clean, secure and free from dirt and dust. A minimum application of 3mm of *So Fast 30 Latex Screed* will be required.

Calcium Sulphate Screeds

Calcium Sulphate screeds must have a relative humidity of <75%. Mechanically remove any laitance or loose material to leave a clean, dry, dust free surface.

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Priming

Priming may not be required. However, in certain circumstances it may be beneficial to prime. See Table below.

Surface	Primer
Extremely Porous Substrates e.g. Concrete, Sand/Cement Screed	So Prime Acrylic Primer (diluted 1:4 with water)
Non Porous Substrates e.g. Power Floated Concrete	Use undiluted So Prime Acrylic Primer.
Non Porous Substrates e.g. DPM	Apply directly to a suitable surface DPM within 12 hours. If DPM has cured for > 12 hours, use undiluted So Prime Acrylic Primer.
Flooring Grade Asphalt	Use undiluted So Prime Acrylic Primer; apply as thinly as possible with suitable squeegee.
Calcium Sulphate Screeds	Apply a coat of So Prime Acrylic Primer diluted 1:2 with water. Apply a second coat at right angles to the first

Mixing

Shake the bottle of *So Fast 30* - Latex liquid and pour into a clean bucket. Using a variable speed drill with a whisk, add the 20kg bag of powder to the liquid at a steady rate, stirring briskly until a smooth creamy mixture is obtained.

Application

Use mixed material within 10 minutes. The product should be mixed as closely as possible to the application area and poured onto the prepared subfloor to a maximum thickness of 12mm. A greater thickness may be achieved by adding *So Fast 30* Granite Chippings. (half a bag per unit of *So Fast 30* aggregate). For greater thicknesses apply further layers after the previous one has set, first removing any laitance that may have occurred. All layers must be of a similar thickness.

NOTE

Because *So Fast 30* Latex is very fast setting we recommend that the material is applied immediately to avoid problems with joining sections. Care should be taken with the use of a spiked roller with such a fast setting product.

Tools

Suitable steel smoothing trowel, mixing bucket, variable speed electric drill and power whisk, spiked roller.

Cleaning

Wash tools with water immediately after use.

Shelf Life

6 months in unopened bags/bottles from the date of packing.

Storage

This product must be stored clear of the ground, under dry conditions, out of direct sunlight. Liquid must be stored above 5°C.

Health & Safety Advice

So Fast 30 Latex Screed powder is not classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations.

The relevant Material Safety Data Sheet can be obtained from:
Leefloorstok Limited
Manchester: 0161 231 8080
Liverpool: 0151 708 7241

Specification	
BS EN 134813 : 2002	CT-C25-F7
Application Thickness	2 -15mm
Working Time @20°C	10mins
Walk-on-time@20°C	45mins
Compressive Strength	28 Days 25N/mm2
Flexural Strength	28 Days 7N/mm2
Packaging (Powder)	20kg poly lined paper sack
Liquid	4.8kg poly-bottle