



Fibreflow Rapid Flex Leveller

Hi-Flow Smooth Finish Self Levelling Screed
3-50mm, 25kg

3-50mm / **25-30 mins** / **90 mins**
Bed Thickness / **Open Time** / **Foot Traffic**

- High Flow Rate / Easily Pumped
- Wet Edge Technology / Seamless Gelling
- Rapid Drying / High Flexural Strength
- Durable Finish / Non Shrink
- Fibre Reinforced / Protein Free
- Underfloor Heating
- Concrete / Screeds / Timber Floors
- Tiling / Vinyl / Soft Floor Coverings

DESCRIPTION

ROCATEX Fibreflow Rapid Flex Leveller is a free flowing, rapid setting, fibre reinforced, highly flexible self levelling smoothing screed, blended from a mixture of the highest quality raw materials.

ROCATEX Wet Edge Technology promotes seamless gelling between pours, ensuring a perfect surface and finish every time. Its rapid set time allows for light foot traffic after approximately 90 minutes.

ROCATEX Fibreflow can be applied in thicknesses from 3-50mm in a single pour. It provides an economic means of levelling and renovating existing interior floors prior to the installation of floor coverings including ceramic and porcelain tiles, natural stone, timber, vinyl and carpet.

It is particularly effective for encasing underfloor heating systems where its thermal transfer properties enhance the heating application. ROCATEX Fibreflow is suitable for use in domestic, commercial and industrial environments.

APPLICATION

In small areas ROCATEX Fibreflow can be mixed and applied using a suitable hand drill and accessories, but for large areas the use of a mixer pump is recommended. Laying rates in excess of 1000m² per day can be achieved using a suitable mixing pump enabling very large areas to be returned to service quickly.

SUBSTRATE PREPARATION

Substrates must be hard, sound and free from dust, oil, grease, paint, plaster, laitance or any other contaminant that could prove a barrier to adhesion. Heavily contaminated floors may require special treatment and specific advice should be sought. Generally substrates are best prepared by mechanical methods such as shot blasting, planing or scabbling. The substrate must be vacuum cleaned prior to application of primer.

The substrate must not leach moisture. Anhydrite screeds must not have more than 0.5% residual moisture before being covered. Recently laid cement/sand renders and screeds must be left for two weeks and three weeks respectively before covering. Indoor air and floor slab temperature must exceed +6°C with relative humidity not exceeding 95%.

LAYING ON WOODEN FLOORS (INCLUDING TONGUE & GROOVE AND CHIPBOARD)

The timber should be stable and able to carry the weight of the levelling compound and the overlayment.

Flooring must not move when stepped upon. Partitions must not flex when pressed by hand. If this is not the case, reinforce the floor with noggins between the joists and replace the boards. Brace unstable partitions. The surface of the timber should be primed with ROCATEX Acrylic Primer diluted 1:1 with clean water.

MIXING AND LAYING

No additive is required. Each 25kg bag should be mixed with 6 litres of clean cool water. Once mixed, the material is immediately ready for use and has a workability time of approximately 25-30 minutes. If the mix stiffens before it has been spread, it must be discarded. Do not add extra water or liquid.

Hand Application:

Mix with a slow speed mixing drill and whisk attachment for 2-3 minutes. The mixed material is poured onto the prepared subfloor and spread with a smooth edge trowel to the required thickness in one operation. Alternatively the use of a spiked roller will ensure a smooth even finish that will not require any further attention prior to the floor coverings being applied.

Pump Application:

When pumping ROCATEX Fibreflow check the material flow regularly to ensure the correct consistency of material is being achieved.

INSTALLATION

The minimum temperature at which the product should be laid is 6°C with a maximum of 30°C. Indoor air and floor slab temperatures should exceed 6°C for one week after application. The relative humidity of the concrete floor must not exceed 95%.

DRYING

Setting and hardening times will vary depending on temperature and ventilation. Setting and hardening times will be shortened at high temperatures and extended at low temperatures. Adequate ventilation is essential during the drying process but draughts must be eliminated to avoid uneven drying patterns.

COVERAGE

For every 1mm thickness 1.62kg of dry powder per square metre will be required, i.e. 1m² at 10mm thickness will require 16.2kg of dry powder.

TECHNICAL DATA

Conformity:	Conforms to the requirements of BS EN 13813 CT C30 F9
Application temperature:	6°C to 30°C
Bed thickness:	3-50mm
Mixing ratio:	6 litres of water to 25kg of powder
Open time:	25-30 minutes at 20°C
Foot traffic:	90 minutes at 20°C
Pump application:	Yes
Flow ring values:	235-255mm (65mm Ø, 40mm high flow ring)
Protein free:	Yes
Colour:	Grey
Shelf life:	12 months in cool dry area
Size:	25kg

ROCATEX

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13 DoP No. 005 EN 12004

Reaction to fire (class)	A1
Release of corrosive substances (declared)	CT
Water permeability (declared)	NPD
Water vapour permeability (declared)	NPD
Compressive strength (threshold)	C30
Flexural strength (threshold)	F9
Wear resistance (threshold)	NR
Sound insulation (declared)	NPD
Sound absorption (declared)	NPD
Thermal resistance (declared)	NPD
Chemical resistance (declared)	NPD

HEALTH & SAFETY INSTRUCTIONS



Contains portland cement.

Irritating to skin.

Risk of serious damage to eyes.

Keep out of reach of children.

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

Wear suitable gloves and eye / face protection.

If swallowed, seek medical advice immediately and show this container or label.

For further information, please request the Material Safety Data Sheet for this product.