Superflow Fibre Flex Leveller

Hi-Flow, Fibre Reinforced, Flexible, Self Levelling Compound 3-80mm

3-80mm Bed Depth / 25 mins Pot Life / 90 mins Foot Traffic / 4.8-5.0l Water

- **Extremely Free Flowing / Easy To Use**
- **Wet Edge Technology / Seamless Gelling**
- **Highly Flexible / Fibre Reinforced**
- **Self Levelling / Self Smoothing**
- **Quick Drying / Non Shrink**
- **Underfloor Heating / Easily Pumped**
- **Concrete / Screeds / Timber Floors**
- **Tiling / Vinyl / Soft Floor Coverings**

DESCRIPTION

ROCATEX Superflow Fibre Flex Leveller is an extremely free flowing, quick drying, fibre reinforced, highly flexible, self levelling smoothing screed, blended from a mixture of the highest quality, fine grade raw materials.

ROCATEX Wet Edge Technology promotes seamless gelling between pours, ensuring a perfect surface and finish every time. It is particularly effective for encasing underfloor heating systems where its thermal transfer properties enhance the heating application.

ROCATEX Superflow Fibre Flex Leveller can be applied in thicknesses from 3-80mm in a single pour. Suitable for use in domestic and commercial environments, 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.

The fast setting time allows for foot traffic after approximately 90 minutes, ceramic and porcelain tiles can be laid after 4 hours.

SURFACE PREPARATION

All installations should be carried out in accordance with BS 5385. All surfaces must be clean, firm, dry, free from all loose matter including dust, dirt, oil, grease, laitance and any other contaminants that may affect adhesion. All substrates should be prepared to provide a rigid and secure base without deflection and suitable to support the intended weight. New timber should be given time to find equilibrium with its surroundings.

The following information provides further details for preparing various common substrates. Unless stated otherwise, any reference to the term “diluted” means 1 part primer mixed with 1 part clean water. N.B. All primer applications should be fully dry before next works commence.

Anhydrite Screeds - he substrate must not leach moisture. Anhydrite screeds must not have a moisture content greater than 0.5% or 75% relative humidity (RH). This can easily be tested by taking moisture readings across the whole surface. It is essential that surface laitance is removed in accordance with the screed manufacturer’s recommendations, followed by vacuum cleaning to remove any loose material, then apply 2-4 neat coats of ROCATEX Acrylic Primer or 2 diluted coats of ROCATEX Ultimate Grip Primer.

Concrete Screeds - Prime with 2 diluted coats of ROCATEX Acrylic Primer or 1 diluted coat of ROCATEX Ultimate Grip Primer. Substrate curing before levelling can commence is approximately 6 weeks.

ROCATEX

Rocatex Ltd
3+4 Camwal Park
Camwal Road
Harrogate, HG1 4PT

T: +44 (0)1423 882 990
F: +44 (0)1423 299 040
E: info@rocatex.com
www.rocatex.com

Power Floated Concrete - The cured surface should be mechanically abraded to remove any curing agents and open up the surface, followed by vacuum cleaning to remove any loose material, then apply 2 diluted coats of ROCATEX Acrylic Primer or 1 diluted coat of ROCATEX Ultimate Grip Primer. Substrate curing before tiling can commence is approximately 6 weeks.

Sand & Cement Screeds - Prime with 2 diluted coats of ROCATEX Acrylic Primer or 1 diluted coat of ROCATEX Ultimate Grip Primer. Substrate curing before levelling can commence is approximately 3 weeks.

Plywood Overlay - Internal use only. Must be a minimum thickness of 15mm, Class 3 exterior grade, screwed down to existing boards and joists with staggered joints at 300mm centres and 150mm centres along board edges. Prime all edges and underside with 1 neat coat of ROCATEX Acrylic Primer or 1 neat coat of ROCATEX Ultimate Grip Primer. Prime the surface with 1 diluted coat of ROCATEX Acrylic Primer or 1 diluted coat of ROCATEX Ultimate Grip Primer. N.B. All timber constructions must be adequately ventilated behind to prevent atmospheric moisture distortion and warpage of the boards.

Tongue & Grooved Boards/Floorboards/Chipboard - Internal use only. Must be overboarded with suitable tile backer board/plywood. N.B. All timber constructions must be adequately ventilated behind to prevent atmospheric moisture distortion and warpage of the boards.

Cement Based Tile Backer Boards - Prime the surface with 1 diluted coat of ROCATEX Acrylic Primer or 1 diluted coat of ROCATEX Ultimate Grip Primer.

Existing Tiles & Other Non-Porous Substrates - Apply 1 neat coat of ROCATEX Ultimate Grip Primer.

Flooring Grade Asphalt - Ensure the surface is in good condition and there are no signs of debonding and/or hollowness. Apply 1 neat coat of ROCATEX Ultimate Grip Primer. N.B. No single pour should be deeper than 6mm and no more than 2 layers should be applied. Once the first layer is dry, apply 1 diluted coat of ROCATEX Acrylic Primer or 1 diluted coat of ROCATEX Ultimate Grip Primer.

Epoxy Damp Proof Membranes - Apply 1 neat coat of ROCATEX Ultimate Grip Primer.

Underfloor Heating Systems - Existing underfloor heating must be switched off at least 3 days prior to applying ROCATEX Superflow Fibre Flex Leveller to allow the substrate to cool. Once application has been completed allow 2 weeks before turning the heating system back on. Start with a low temperature and gradually increase by 5°C per day.

Electric Underfloor Heating - When encasing new electric underfloor heating, the system must be turned off. Allow 2 weeks before turning the heating system back on. Start with a low temperature and gradually increase by 5°C per day.

Heated Screeds - Prior to applying ROCATEX Superflow Fibre Flex Leveller, underfloor heated screeds should be commissioned in line with the heating system/screed guidelines. The heating system must be switched off at least 3 days prior to application to allow the substrate to cool. Once application has been completed allow 2 weeks before turning the heating system back on. Start with a low temperature and gradually increase by 5°C per day.

MIXING

Mix 20kg of ROCATEX Superflow Fibre Flex Leveller in a clean mixing vessel with 4.8 - 5.0 litres of cold clean tap water until a smooth, homogenous consistency is achieved using a suitable drill with whisk attachment. Mix at a slow speed for a minimum of 3 minutes to ensure that all ingredients are dispersed thoroughly throughout the whole mix.

APPLICATION

Once mixed, the material is immediately ready for use and has a working time of approximately 25 minutes. If the mix stiffens before it has been poured, it must be discarded. Do not add extra water.

ROCATEX

Rocatex Ltd
3+4 Camwal Park
Camwal Road
Harrogate, HG1 4PT

T: +44 (**0**)**1423 882 990**
F: +44 (**0**)**1423 299 040**
E: **info@rocatex.com**
www.rocatex.com

The mixed material is poured onto the prepared subfloor and spread with a smooth edged 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.

When pumping ROCATEX Superflow Fibre Flex Leveller check the material flow regularly to ensure the correct consistency of material is being achieved.

The minimum temperature at which the product should be laid is 5ºC with a maximum of 25ºC. Air and subfloor temperatures should exceed 5ºC for one week after application. 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.

No more than 2 layers should be applied. Once the first layer is dry, apply 1 diluted coat of ROCATEX Acrylic Primer or 1 diluted coat of ROCATEX Ultimate Grip Primer and allow to dry before applying a second layer.

Ceramic and porcelain tiles can be laid after 4 hours, natural stone after 24 hours and soft floor coverings after 48 hours.

COVERAGE
For every 1mm thickness 1.62kg of dry powder per square metre will be required, i.e. 1m^2 at 10mm thickness will require 16.2kg of dry powder.

STORAGE
Store unopened clear of the ground in a cool, dry, frost free environment.

TECHNICAL DATA

Conformity:	Conforms to the requirements of BS EN 13813 CT C30 F9
Application temperature:	5ºC to 25ºC
Bed thickness:	3-80mm
Mixing ratio:	4.8 - 5.0 litres of clean tap water to 20kg of powder
Pot life:	25 minutes at 20ºC
Walk on time:	90 minutes at 20ºC
Floor coverings:	4 hours at 20ºC - ceramic & porcelain
(at 3mm thickness)	24 hours at 20ºC - natural stone
	48 hours at 20ºC - soft floor coverings
Final hardening:	28 days at 20°C
Pump application:	Yes
Pack sizes:	20kg
Shelf life:	12 months in cool dry area

Note: All times refer to site conditions of 20°C and 50% relative humidity. These times will be increased at lower temperatures and reduced at higher temperatures.

ROCATEX

Rocatex Ltd
3+4 Camwal Park
Camwal Road
Harrogate, HG1 4PT

T: +44 (**0**)**1423 882 990**
F: +44 (**0**)**1423 299 040**
E: **info@rocatex.com**
www.rocatex.com

CE
Rocatex Ltd., UK www.rocatex.com
21 DoP No. 009 EN 13813
CT C30 F9

UKCA
Rocatex Ltd., UK www.rocatex.com
21 DoP No. 009-UK EN 13813
CT C30 F9

HEALTH & SAFETY

DANGER

CONTAINS CHROMIUM (VI)

DANGER Causes skin irritation. Harmful if swallowed. Causes serious eye damage. May cause respiratory irritation. Keep out of reach of children. Avoid breathing dust. Wear protective gloves and eye protection. Wash hands thoroughly after handling. IF SKIN IRRITATION OCCURS: Get medical advice/attention. IF SWALLOWED: Call a poison centre or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison centre or doctor/physician. Dispose of contents/container in accordance with local/regional regulations. Repeated exposure may cause skin dryness and cracking. **CONTAINS CHROMIUM (VI)** May produce an allergic reaction. To avoid risks to human health and the environment, comply with instructions for use. Safety data sheet available on request.

ROCATEX

Rocatex Ltd
3+4 Camwal Park
Camwal Road
Harrogate, HG1 4PT

T: +44 (**0**)**1423 882 990**
F: +44 (**0**)**1423 299 040**
E: **info@rocatex.com**
www.rocatex.com