

Regupur®

A Trademark of Regupol®

TECHNICAL DATA SHEET

REGUPUR® REGULEVEL 1

WHERE TO USE

Regupur® Regulevel 1 is a fibre reinforced self levelling compound, designed for use on newly concreted sub-floors or in the refurbishment of existing floors in both commercial and domestic applications, it can be hand or pump applied.

TYPICAL APPLICATIONS

Used for interior levelling, smoothing and infilling differences in thickness from 3 to 40mm on new or existing concrete, screeds, stone, terrazzo and ceramic tiles, old and new timber floors, floor boards, chipboard panels, plywood, parquet.

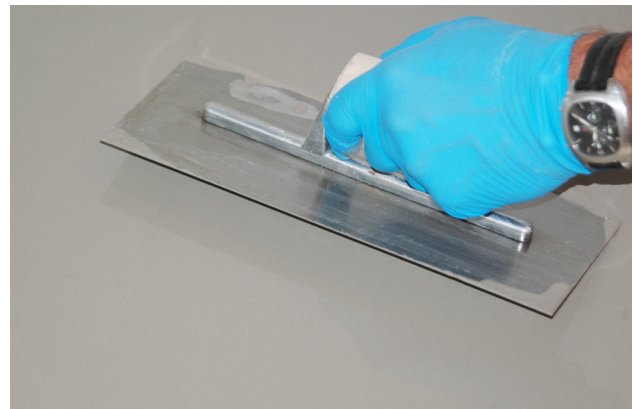
For use in dry locations as an underlayment for floor finishes such as tile, stone, vinyl, carpet and wood flooring.

Regupur® Regulevel 1 is suitable where good resistance to loads is required, for wheelchair traffic and underfloor/undertile heating systems.

PREPARATION OF THE SUBSTRATE

The substrate should be solid, free of dust, loose particles, paint, oil, gypsum residues or other contamination that could compromise the bond. Timber substrates should be clean and solidly fixed, open joints should be sealed. Cementitious surfaces that are not sufficiently compacted must be removed or, where possible, consolidated. Cracks in the substrate should be repaired.

The substrate should be primed with Regupur® Reguprime prior to the application of Regupur® Regulevel 1.



PREPARING THE MIX

Pour a 20 kg bag of Regupur® Regulevel 1 into a bucket containing 3.5 litres of clean water and mix with a low speed electric mixer to obtain an homogeneous, self-levelling, lump free mix.

Larger quantities of Regupur® Regulevel 1 can be prepared in suitable mixers.

After 2-3 minutes of slackening, the mix should then be restirred before use.

The amount of Regupur® Regulevel 1 mixed at any time must be used within 20 minutes (at a temperature of +23°C).

APPLICATION

Apply in a single coat from 3 to 40mm in thickness.

To minimise aeration a spiked roller may be used.

The self levelling properties of Regupur® Regulevel 1 will provide a surface ready to accept all kinds of floorcoverings.

COVERAGE

Approx 5m² at 3mm thickness.

PACKAGING

20kg bags.

STORAGE

12 months in a dry place and in the original un opened packaging.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Regupur® Regulevel 1 contains cement that when in contact with sweat or other body fluids causes irritant alkaline and allergic reactions to those predisposed. It can cause damage to eyes. During use wear protective gloves and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of water and seek medical attention.

For further information please refer to the latest version of our Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (TYPICAL VALUES)

PRODUCT IDENTITY	
Consistency:	Fine powder
Colour:	Grey
Specific gravity (kg/m ³):	1,300
Dry solid content (%):	100

APPLICATION DATA (at +23°C and 50% R.H.)	
Mixing ratio:	3.5 litres of water per 20kg bag
Thickness per coat:	3 to 40mm
Self-levelling:	yes
Specific gravity of mix (kg/m ³):	2,100
pH of the mix:	Approx. 12
Application temperature range:	From +5°C to +30°C
Open time:	20 minutes
Setting time:	30-90 minutes
Walkable:	4-6 hours
Waiting time before bonding:	1-3 days depending on the thickness

FINAL PERFORMANCES (at +23°C and 50% R.H.)	
Compressive strength (N/mm ²):	
– after 1 day:	15
– after 3 days:	20
– after 7 days:	25
– after 28 days:	28
Flexural strength (N/mm ²):	
– after 1 day:	3
– after 3 days:	4
– after 7 days:	4.5
– after 28 days:	5.5
Resistance to abrasion:	
– after 28 days:	2.5

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IMPORTANT: Directions for use are given for guidance only and are not intended to form part of any contract. They should be varied or adapted to suit your particular materials or conditions of use. Goods supplied by the company are made to approved standards from the highest quality raw materials but no warranty or guarantee is given as to their suitability for any particular purpose or application, and no liability is accepted for any loss or damage arising directly or indirectly from the use of the Company's products irrespective of any information given to us as to intended use of such products. It is therefore recommended that prospective users should test a sample of this product under their own conditions to satisfy themselves that the product is suitable for the purpose intended.

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