

Regupur®

A Trademark of Regupol®

TECHNICAL DATA SHEET

REGUPUR® REGULEVEL 2

WHERE TO USE

Regupur® Regulevel 2 is used for levelling and smoothing differences in thickness of 1 to 10mm (in one application) on new and existing substrates to prepare them for any type of flooring installation.

Regupur® Regulevel 2 is suitable for areas with wheelchair traffic.

TYPICAL APPLICATIONS

Smoothing concrete floors and cement based screeds, existing flooring in concrete, terrazzo, ceramic tile, natural stone, steel and polyurethane.

TECHNICAL CHARACTERISTICS

Regupur® Regulevel 2 is a two-part smoothing compound that consists of a grey powder (part A) containing special cements, graded silica sands and additives to be mixed with a synthetic rubber latex (part B).

Regulevel 2 can be walked on after approximately 1½-2 hours and is ready for installing flooring after about 12 hours, depending on the thickness and the ambient temperature.

Regupur® Regulevel 2 has a very low odour making it suitable for use in confined and inhabited areas, where working and/or occupation must be maintained.

Suitable for use under Regupur® Regushield Eco surface membrane where residual or static moisture is present.

For the best results Regupur® Regulevel 2 should be mixed without extra latex or water being added.



TECHNICAL DATA (TYPICAL VALUES)

PART A	
Consistency:	Fine powder
Colour:	Cement grey
Dry solid content (%):	100
Bulk density (kg/m ³):	1400
Flammable:	No

PART B	
Consistency:	Runny liquid
Colour:	white
Dry solid content (%):	9
Specific gravity (g/cm ³):	1.05
Flammable:	No
EMICODE:	EC1 R Plus - very low emission

COMPOSITION AND PROPERTIES OF THE MIXTURE	
Thickness per coat:	1 to 10 mm
Density of mix (kg/m ³):	2000
Application temperature range:	+5°C to +35°C
Workability (at +23°C):	20-30 minutes
Setting time:	45-60 minutes
Set to light foot traffic:	After 1½-2 hours
Time before laying floorcovering:	12 hours

FINAL PERFORMANCE DATA	
Compressive strength (N/mm ²):	
– after 1 day:	7
– after 7 days:	20
– after 28 days:	26
Flexural strength (N/mm ²):	
– after 1 day:	3
– after 7 days:	6
– after 28 days:	8
Resistance to abrasion after 28 days:	3g

PREPARATION

The subfloor must be clean, structurally sound, and free from grease, oil, paint and plaster residues, surface laitance and contamination, including surface hardeners and additives that may compromise the bond.

PRIMING

On highly porous and absorbent surfaces, a coat of primer prior to the application will prevent pinholes / air bubbles within the surface, providing a smooth even finish.

Regupur® Reguprime Acrylic primer may be used on all absorbent and non-absorbent substrates.

MIXING

Mix 20 kg of Regupur® Regulevel 2 part A powder into 4 kg of Regupur® Regulevel 2 part B liquid.

The Regupur® Regulevel 2 part B liquid container should be shaken poured into a clean mixing container and the Regupur® Regulevel 2 part A powder added gradually whilst continually stirring with a mixing paddle and slow speed drill.

The mixed mortar has a working time of approx. 20-30 minutes at +23°C.

Do not add more latex or water to the mix once it has begun to set.

APPLICATION

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 floorcovering being installed.

The correct mix permits any application from featheredge to 10mm, although for the best results a minimum 3mm application is recommended. (Apply at a minimum floor temperature above +5°C).

DRYING

At normal temperatures Regupur® Regulevel 2 will take light foot traffic after 1½ to 2 hours, and accept bonded floorcoverings after 12 hours.

A room temperature of 13-18°C should be maintained with a subfloor temperature of at least +5°C (a passage of air will considerably assist the drying times).

CLEANING EQUIPMENT

All tools and mixing containers should be washed and cleaned immediately after use before the material hardens.

COVERAGE

One unit will cover approximately 5m² at 3mm thickness.

STORAGE

Regupur® Regulevel 2 has a storage life of approximately 12 months in dry conditions.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

We recommend the use of protective gloves and goggles when handling chemical products.

For further information about the safe use of Regulevel 2 please refer to our latest version of the Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE ONLY.

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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