

Renovation fleece

UZIN RR 201 NEW

Fibreglass reinforcing fleece for self-levelling compounds

Areas of application:

Renovation fleece with extremely high tensile strength and reinforcing effect in the combined system with UZIN primers and levelling compounds. For the restoration of substrates with poor load-bearing capacity, cracks, transitions and on substrates at risk from vibrations.

Main area of application:

- ▶ Renovating substrates in need of refurbishment
- ▶ Reinforcing self-levelling compounds



Application of UZIN NC 170 LevelStar on loosely laid out renovation fleece UZIN RR 201 on substrates prone to cracks and prepared with UZIN RR 203.

Composition: Alkaline-resistant fibreglass, fixed with binding agent.

- ▶ Heavily reinforcing
- ▶ Covers cracks
- ▶ Increases the levelling compound bond
- ▶ Absorbs vibrations and elongations and dissipates them
- ▶ Easy to process
- ▶ Low build-up height, from 5 mm
- ▶ Time-saving

Technical data:

Packaging:	Rolls
Packsizes:	1.0 m x 60 m = 60 m ² 1.0 m x 30 m = 30 m ²
Shelf life:	min. 2 years
Colour:	white
Area weight:	approx. 120 g/m ²
Filament tensile strength:	1700 N/mm ²
Modulus of elasticity:	72,000 N/mm ²
Fire resistance*:	A2

* according to DIN 4102

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Extended area of application:

- ▶ renovating substrates susceptible to vibrations
- ▶ creation of a crack-free and load-bearing substrate in the combined system with UZIN RR 203 and UZIN levelling compounds
- ▶ on all types of screed or concrete
- ▶ on old substrates with strongly bonded compound and adhesive layers
- ▶ on chipboard P4 – P7 or OSB / 2 – OSB / 4 tiles
- ▶ on precast screed, gypsum fibre boards as well as hollow spaces / raised floors
- ▶ on impact sound and stress relief boards
- ▶ on alternating substrates as well as transitions from outbursts / screed supplements
- ▶ on hot water underfloor heating systems
- ▶ for high wear in residential, commercial and industrial areas, e.g. in hospitals, shopping malls
- ▶ as system component in the combined system with UZIN RR 203
- ▶ as system component in the UZIN Turbolight®-System

Product benefits/properties:

UZIN RR 201 is a bonded fibreglass fleece for subsequent filling work in at least 5 mm thickness with self-levelling levelling compounds. The fibreglass fleece is penetrated by the levelling compound and is ideally embedded in the tensile zone of the levelling compound. After the levelling compound has set, the glass fibres bonded in this way produce a highly reinforcing effect in all directions. Thus UZIN RR 201 increases the bond of the levelling compound and enables the bridging of cracks. Stretching and vibrations from the subfloor are absorbed and dissipated much better. In the combined system with UZIN RR 203, this effect is further enhanced, which means that more complex renovation procedures can be dispensed with or removal can be avoided.



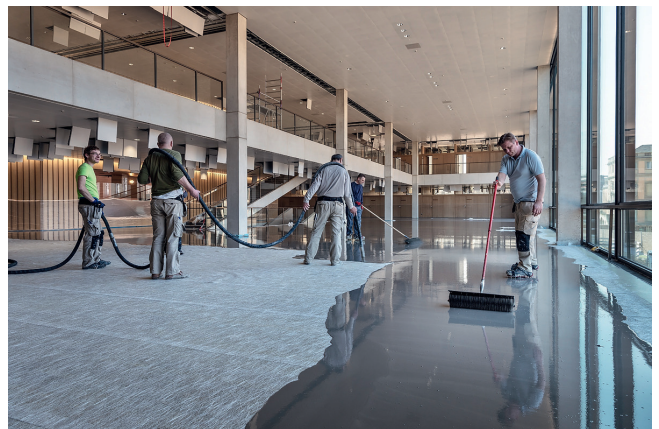
Application examples:



Old subfloor in need of renovation.



Spread UZIN RR 201 over the entire surface to be renovated.



Smooth over with UZIN RR 201 with UZIN NC 160 using pump-jetting technology.

Subfloor preparation:

The substrate must be dry and free from materials (dirt, oil, grease) that would impair adhesion. Test the substrate in accordance with applicable standards and bulletins and report any deficiencies. Remove layers that would reduce adhesion or are not firmly bonded to the substrate, e.g. by brushing off, abrading, grinding or shot-blasting. Thoroughly vacuum loose material and dust. Fill in defects in the screed with suitable mortar. Prime the cleaned substrate with a suitable primer. Cracks up to 3 mm wide do not have to be closed non-positively. Cracks 3 – 5 mm wide must be repaired with crack bridge UZIN RR 203 according to the product data sheet.

The product data sheets of the other products used must be observed.



UZIN RR 201 as system component in the UZIN Turbolight®-System.

Application:

1. Prime substrate with suitable UZIN primer and leave to dry well.
2. Unroll the renovation fleece and cut to size with scissors. Loosely install sheets over full surface and with 1 cm overlap onto the prepared substrate.
3. Smooth the UZIN levelling compound with the smoothing trowel or the WOLFF large surface rake with a minimum thickness of 5 mm. Spread the required thickness in one application.
4. Thoroughly vent the levelling compound while fresh using a suitable UZIN spike roller with crosswise movements.
5. Remove soiling with water while fresh.

Combined system:

1. Apply UZIN RR 203 as described in the pertaining product data sheet.
2. Apply intermediate primer coat to the surfaces after the levelling compound has set.
3. Carry out further steps as described in Application, Items 2 – 5.

UZIN Turbolight®-System:

1. Installation as described in the application instructions for UZIN Turbolight®-System or according to the instructions by UZIN or codex Application Engineering.

Important notes:

- ▶ Shelf life of original pack at least 24 months when stored upright under moderately cool and dry conditions. Frost-resistant to – 25 °C.
- ▶ Optimum working at 18 – 25 °C, floor temperature over 15 °C and relative humidity below 65 %.
- ▶ The assessment and restoration of worn substrates requires experience and solid technical knowledge. If in doubt, contact UZIN or code for application consulting.
- ▶ Expansion, movement and perimeter joints in the substrate must be adopted. Fit UZIN Foam Expansion Strips to any adjoining rising structures to prevent ingress of the compound into the connection joints. Expansion strips are generally necessary for thicknesses over 5 mm. On wooden substrates the expansion strip must be completely removed after levelling work.
- ▶ The substructure of wooden floors must be dry. Adequate ventilation or rear-ventilation must be provided, e.g. by removing the existing expansion strip or by installing special skirting with vent openings.
- ▶ Ensure solid drying of the companion products, such as primers, levelling compounds, etc.
- ▶ UZIN RR 201 is also suitable for exterior areas when used with codex primers and levelling compounds that are also recommended for exterior application.
- ▶ Observe the generally acknowledged rules of the trade and technology for the installation of floor covering or wood flooring as well as the respective applicable national standards (e.g. EN, DIN, VOB, Austrian Ö-Norm, SIA, etc.). The following standards and bulletins represent supporting information and are recommended for special attention:
 - DIN 18 365 „Working with floor covering“, Ö-Norm B 2236
 - DIN 18 356 „Working with wood flooring“, Ö-Norm B 2218
 - DIN 18 352 „Tile and slab work“
 - TKB publication „Assessment and preparation of substrates for floor covering and wood flooring installation“
 - BEB publication „Assessment and preparation of substrates“
 - TKB publication „Technical description and application of cementitious floor levelling compounds“
 - Technical bulletin of the Central Association of the German Building Construction Trade (ZDB) „Resilient floor covering, textile floor covering and wood flooring on heated under-floor constructions“

Protection of the Workplace and the Environment:

This product contains fibreglass that may cause skin irritations (itching) during processing. Use working clothes, barrier cream and protective gloves (rubber, PVC): Refer to the notes on protection of the workplace and the environment in the Product Information Sheets for the other installation materials used.

Disposal:

Where possible, collect product residues and re-use. All product residues are treated as normal construction waste.