

Renovation Fleece

UZIN RR 201

Fibreglass reinforcing fleece for smoothing compounds

MAIN APPLICATION FIELD:

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

SUITABLE ON / FOR:

- ▶ Renovating substrates in need of refurbishment
- ▶ Reinforcing smoothing compounds



PRODUCT BENEFITS/FEATURES:

UZIN RR 201 is a fibre glass fleece with extremely high tensile strength and reinforcing effect when combined with UZIN primers and smoothing compounds with a minimum thickness of 5 mm. The fibre glass fleece is penetrated by the compound to improve the tensile strength reinforces in all directions. Movement and vibrations from the subfloor are absorbed and dissipated. When used in conjunction with UZIN RR 203, this effect is further enhanced. For interior use.

- ▶ heavy reinforcing
- ▶ covers cracks
- ▶ increases the stability of the smoothing compound
- ▶ absorbs vibrations and elongations and dissipates them
- ▶ easy to apply
- ▶ low build-up height, from 5 mm



TECHNICAL DATA:

Packaging	rolls
Sizes	1.0 m x 60 m = 60 m ² 1.0 m x 30 m = 30 m ²
Shelf life	24 months
Colour	white
Area weight	approx. 120 g/m ²
Minimum application temperature	15 °C at ground level
Fire class	A2
Tensile strength at spinning thread	1.700 N/mm ²
Young modulus	72.000 N/mm ²

EXTENDED APPLICATIONS:

- ▶ renovating substrates susceptible to vibrations
- ▶ creation of a crack-free and load-bearing substrate in the combined system with UZIN RR 203 and UZIN smoothing 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

SUBSTRATE 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.

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. Apply the UZIN smoothing 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 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 relevant product data sheet.
2. Apply intermediate primer coat to the surfaces after the smoothing 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.

APPLICATION EXAMPLES:

Existing substrate that needs refurbishment.



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



Pump UZIN smoothing compound over the UZIN RR 201.



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

IMPORTANT NOTES:

- ▶ Shelf life of 24 months when stored upright under moderately cool and dry conditions. Frostresistant 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 underfloor constructions“

DISPOSAL:

All product residues are treated as normal construction waste.

COMPOSITION:

Alkaline-resistant fibreglass, fixed with binding agent.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

The product itself does not require any special labour protection measures. To protect against glass fibres contained in the product, it is recommended to wear protective clothing, suitable protective cream or protective gloves and to wash face and hands after work. Refer to the notes on protection of the workplace and the environment in the Product Information Sheets for the other installation materials used.