

# UZIN RR 201

Fibreglass reinforcing fleece for smoothing compounds

## MAIN APPLICATION FIELD:

- ▶ refurbishment of substrates in need of renovation
- ▶ reinforcement of self levelling compounds
- ▶ system component in UZIN Turbolight®-System

## SUITABLE ON / FOR:

- ▶ all types of screeds, concrete
- ▶ existing substrates with well-bonded residues of adhesives or compounds
- ▶ P4 - P7 chipboard and OSB 2 - OSB 4 boards
- ▶ precast screeds, screed boards or raised-access floors
- ▶ UZIN footstep sound insulation or decoupling underlays
- ▶ changing substrates and transitions from breaks or screed supplements
- ▶ warm water underfloor heating systems
- ▶ suitable for residential, commercial and industrial areas
- ▶ system component in the composite system with UZIN RR 203



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

## 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 standard or notices and report any deficiencies. Any adhesion-reducing or unstable layers, e.g. release agents, loose adhesives, compounds, covering or paint residues, etc. must be removed, e.g. by brushing, abrading, grinding or shot-blasting. Thoroughly vacuum loose material and dust. Repair imperfections in the screed with a suitable mortar. Prime the cleaned substrate with a suitable primer. Cracks up to 3 mm width don't have to be closed. Use UZIN RR 203 crack bridge for cracks from 3 to 5 mm width, according to the product data sheet.

The datasheets for other used products have to 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 original pack at least 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“

## 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.

## DISPOSAL:

All product residues are treated as normal construction waste.