Product Datasheet

Haevy-Duty Grade Renovation Panel

UZIN RENOTOP 10 PLUS

Decoupling and footstep sound insulating subfloor system for many floor coverings

MAIN APPLICATION FIELD:

- creation of a substrate that is ready for covering
- footstep sound insulation

Extended field of application:

- creation of a substrate that is ready for covering and can be removed without any residues

SUITABLE ON:

- all level, absorbent and non absorbent substrates
- existing floor coverings, e.g. PVC / CV floor coverings, linoleum, wood flooring, stone and ceramics
- coated substrates or similar

SUITABLE FOR:

- the subsequent installation of textile floor coverings
- the subsequent installation of PVC floor coverings in sheets and tiles, CV floor coverings and LVT
- the subsequent installation of linoleum and rubber in sheets and tiles up to 4 mm
- the subsequent installation of multi-ply wood flooring (max. 2200 x 200 mm)
- warm water underfloor heating systems (see "Important Notes")
- exposure to castor wheels in accordance with DIN EN 12 529
- residential and commercial areas





PRODUCT BENEFITS/FEATURES:

UZIN RenoTop 10 PLUS is an acoustic grade and insulating subfloor system for floating installation for the subsequent installation of many various floor coverings. It's mainly used for the renovation of old problematic substrates with different construction types. For interior use.

- approx. 10 mm total building height
- ready for covering directly after the installation
- even and adhesive friendly surface
- can be removed without residues

TECHNICAL DATA:

Packaging	boards
Sizes	carton with 4 carrier and 4 cover boards = 2.88 m²
Shelf life	min. 24 months
Color	Carrier and cover plate: brown XPO foam: dark-blue
Tile format	0.6 m x 1.2 m = 0.72 m²
Area weight	approx. 6.47 kg/m²
Thickness	approx. 10 mm system building height
Thermal transmittance value	12.35 W/m²K (U)
Heat transfer resistance	0.081 m²K/W (R) **
Minimum application temperature	15 °C at ground level
Impact sound reduction	approx. 22 dB*
Fire reaction	D_{fl}-s1 ***

*according to EN ISO 140-8, see "Important Notes"
**according to DIN 52 612
***according to EN ISO 9239-1

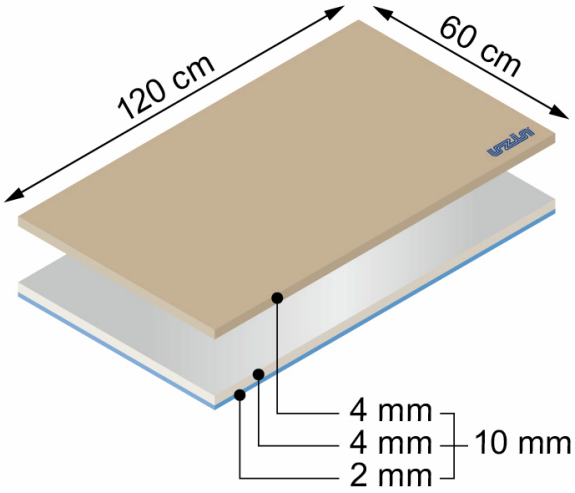
UZIN | A brand of UZIN UTZ
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UZIN RENOTOP 10 PLUS

SUBSTRATE PREPARATION:

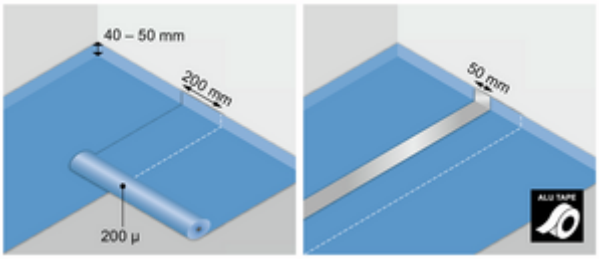
The substrate must be sound, load-bearing, dry and clean. Cracks may not move further. Test the substrate in accordance with applicable standard or notices and report any deficiencies. Existing floor coverings must be well-bonded. The joints between ceramic tiles should not be too deep and too wide. Uneven substrates have to be prepared professionally (evenness according to DIN 18 202). Prior to installation of the board it is recommended, depending on the substrate, to grind and clean properly.

The datasheets for other used products have to be observed.

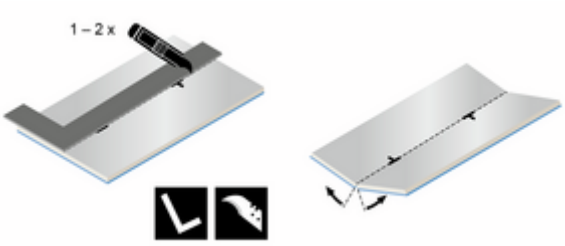


APPLICATION:

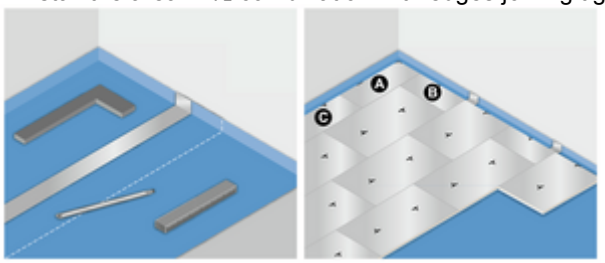
1. *Cover the area to be installed with 200 µm PE film (e.g. UZIN PE-Foil) in trough fashion prior to the installation of UZIN RenoTop 10 PLUS. Allow to overlap approx. 20 cm in the seam area and cover the seam area with aluminium adhesive tape (e.g. UZIN Alutape 75) over the full length. *see "Important Notes"



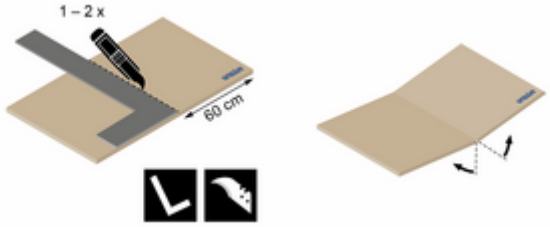
2. Create the first layer of the subfloor system using the support panel (bonded XPO-foam on the bottom side and protective film on the contact surface of the top side). The panels can be easily scribed on the top side using a half moon blade and broken off. Now cut the XPO-foam with a second cut.



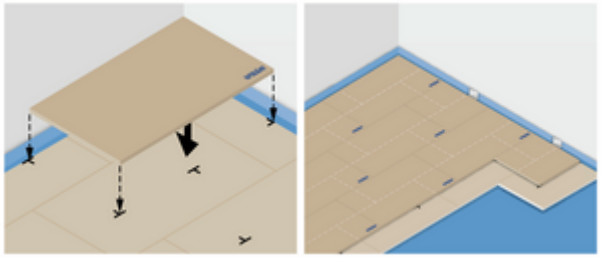
3. Average the installation area and install the support panels. Shorten the first installation row to half the width and start with a panel shortened to ¾ of the length. Now install the area in ½ combination with edges joining tightly.



4. Install the second layer of the subfloor system with the top panels (4 mm MDF with print on the top side). Scribe the panels on the top side with a half moon blade to cut them and break them along the cutting edge.

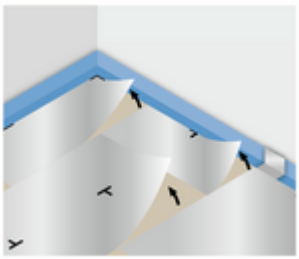
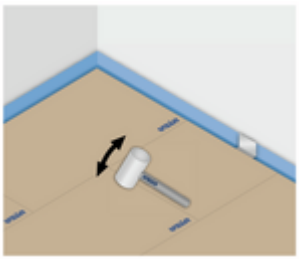


5. The longitudinal joints of the top plate must be installed offset against the top plate by half a panel width. The head joints must be aligned in ¾ – ¼ combination to the support plate. Carry out the installation of the top panels also in ½ combination. The support panels have marks for quick and easy orientation.

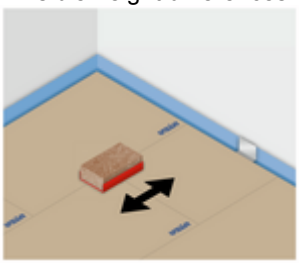


6. Remove the protective film from the support panels and align the panels as described in section 5. Tap down the top panels over the whole surface with a rubber mallet. Pay attention to the exact and tight connection of the joint edges.

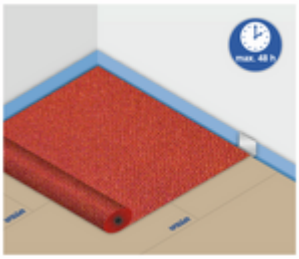
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7. Before installing the floor covering, slightly sand the joints of the installed surface by hand and check for possible height differences.




8. The installation of the flooring must be completed within 48 hours subsequent to the installation of UZIN Reno-Top 10 PLUS. The "Adhesive / Consumption Data" table should be consulted for the appropriate adhesive, notching, flash-off time, and consumption.



ADHESIVE/CONSUMPTION DATA:

Type of Coating	Adhesive	Toothing	Flash-off time	Consumption
Smooth, e.g. CV floor coverings	UZIN KE 2000 S	A2	10 - 45 minutes	200 - 280 g/m²
	UZIN KE 66 HT	A2	20 - 25 minutes	200 - 280 g/m²
Rubber in sheets and tiles up to 4 mm	UZIN KE 66 HT	A2	5 - 25 minutes	approx. 280 g/m²
LVT, PVC floor coverings	UZIN KE 66 HT	A2	5 - 10 minutes	approx. 280 g/m²
Smooth, slightly structured textile coverings	UZIN UZ 57	A2	5 - 15 minutes	300 - 350 g/m²
	Sigaway	-	-	-
Linoleum in sheets	UZIN LE 44	B1	5 - 10 minutes	approx. 400 g/m²
	UZIN UZ 88	B1	0 - 15 minutes	approx. 400 g/m²
Very structured textile coverings	UZIN UZ 88	B1	0 - 15 minutes	350 - 400 g/m²
	UZIN UZ 57	A2	5 - 15 minutes	300 - 350 g/m²
	Sigaway	-	-	-
Heavily structured textile coverings	UZIN UZ 88	B2	0 - 15 minutes	500 - 550 g/m²
	UZIN UZ 57	B2	5 - 15 minutes	500 - 550 g/m²
Multi-ply wood flooring (max. 2200 x 200 mm)	UZIN MK 250	B11	-	approx. 1200 g/m²

Wating time / consumption: At 20 °C and 65% relative humidity, depending on the type of covering and the application method.

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UZIN RENOTOP 10 PLUS



Installation of linoleum on UZIN RenoTop 10 PLUS with UZIN LE 44

CONSUMPTION:

For future re-use of UZIN RenoTop 10 PLUS, please note that when replacing flooring, UZIN Elements and UZIN Sigan can be used in combination with UZIN Planus.

Dry adhesive	Primer for boards**	Roller	Consumption*	Drying time*
Floor covering removable without residues: LVT, PVC in tiles**				
Elements	Planus***	UZIN nylon fibre	70 - 100 g/m²	approx. 1 hour
Floor covering removable without residues: Textile coverings**				
Sigan	Planus***	UZIN nylon fibre	70 - 100 g/m²	approx. 1 hour

*At 20 °C and 65% relative humidity.
**The datasheets for used products have to be observed.
***See "Important Notes"

IMPORTANT NOTES:

- A shelf life of 24 months when stored lying, in moderately cool and dry conditions, in the original packaging.
- Best applied between 18 - 25 °C, substrate temperature above 15 °C and relative humidity below 75%. Low temperatures and high air humidity lengthen the working and drying time. Whilst high temperatures and low air humidity shorten the working and drying time of the adhesives used.
- Before installing, the boards must be adequately acclimatised to the indoor climate for at least 24 hours in the original packaging.
- The specified acoustic value is an approximate value determind under normed conditions. Due to the individual acoustics in each building and the used materials and compositions in each case the values can differ. To determinate the real acoustic value the measurement and its evaluation have to take place at real conditions.
- Allow the levelling compound to dry completely, when the boards are used on levelled substrates.
- From a room length and /or width of 10 m an expansion joint has to be incorporated (8 - 10 mm wide).
- Always install rooms seperately and install a separation in transition areas.
- The substructure of wooden floors must be dry to prevent damage due to damp through rotting or mould formation. Adequate ventilation or rear-ventilation must be provided especially when installing impermeable flooring, e.g. by removing the existing expansion strip or by installing special skirting with vent openings.
- Do not use a moisture barrier on wooden substrates or substructures.
- On underfloor heating systems, in accordance with DIN 66 095, floor coverings should not exceed a thermal conductivity factor of 0.15 m2K/W. The thermal conductivity of the combined underlay/covering is the sum of their individual values. Combined with the floor covering, the value of 0.15 m2K/W will be exceeded and, therefore, the efficiency of the underfloor heating may be reduced.
- Leave a gap of at least 10 mm to all rising building elements.
- Do not form joints between cut edges and production edges.
- Do not step on the contact surface of the boards and / or do not soil them.
- Roll down the installed subfloor with a heavy pressure roller.
- Cover UZIN RenoTop 10 PLUS within 48 hours after installation with a top floor to protect the system substrate against external impact.
- Do not use the boards in exterior or wet areas.
- When using the switchTec® adhesive technology for the future reuse of UZIN RenoTop 10 PLUS a thin film of UZIN PE 414 BiTurbo can be applied with a spring spatula to protect the panels against swelling before applying Planus.
- Follow the generally acknowledged rules of the trade and technology for the installation of wood flooring and floor covering in respective of the applicable national standards (e.g. EN, DIN, OE, SIA, etc.)

COMPOSITION:

MDF, XPS

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

The product itself does not require any special labour protection measures. 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.

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