

Technical Data Sheet

Bona U310

Polyester spun bond fleece

Bona U310 is a polyester spun bond fleece that reduces the stress transferred to the subfloor when laying prefabricated parquet, solid parquet and laminate on old parquet or other critical sub floors. Hairline-/shrinkage cracks in mineral sub floors can be bridged up to a width of 0.5 mm. Due to its high tear resistance the decoupling fleece reduces tensions from the sub floor and keeps them away from the subsequent top layer

- Breathable
- Easy to cut
- Stress relieving
- Suitable for use with various Bona adhesives
- Very low emissions EC1 Plus

Technical Data

Base:	Polyester-Spunbond
Color:	Light green
Weight:	160 g/m ²
Thickness:	0.8 mm
Max. tensile strength:	620 LD (DIN EN 29073.3) N/5 cm
Max. tensile strength:	380 TD (DIN EN 29073.3) N/5 cm
Elongation at max. tensile strength:	27.0 LD (DIN EN 29073.3) %
Elongation at max. tensile strength:	30.0 TD (DIN EN 29073.3) %
Shrinkage:	LD (at 200°C) % < 1,7
Shrinkage:	TD (at 200°C) % < 0,6
Tear resistance:	LD N ≥ 230 ± 20%
Tear resistance:	TD N ≥ 270 ± 20%
EMICODE:	EC1 Plus
Disposal:	Product residues can be disposed as household or industrial waste
Storage:	Store in dry stable environment, preferably on pallets or off the floor.
Shelf life:	Min. 2 years
Packaging:	Single rolls 1 x 50 m

Subfloor Preparation

The subfloor must be dry, even and free from any contaminates which may affect the bonding strength of the applied adhesives. The surface should also be slightly textured. Check the subfloor thoroughly, it must meet the requirements of local standards or codes of practice. Bona U310 can improve the subfloor condition up to a certain level. If in doubt may other preparations such like grinding and the mechanical removal of weak layers might become necessary. Depending on the type of subfloor and the chosen adhesive the usage of a suitable primer is needed. Remove loose dirt and dust by the usage of a strong vacuum unit prior to the installation.

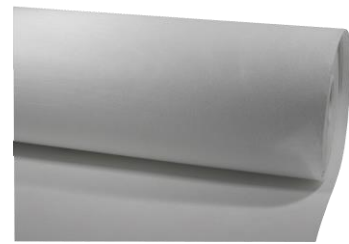
Suitable Subfloors

- Cement (CT) or Calciumsulphate (CA) screeds accor. to EN 13813
- Concrete
- Dry screeds (gypsum boards)
- Particle boards (fixed OSB, chipboards plywood)
- Plank floorings (even and screwed)
- Mastic asphalt screeds (AS) accor. to EN 13813
- Other dry and sound subfloors

Processing

Bona U310 must be glued down on the prepared subfloor. Cut the underlayment according to the shape of the room. Roll out Bona U310 across or diagonal to the direction of the parquet. Lay in lines taking care to make sure that the edges are flat and tight to each. Lift a section approx. half its length and apply the adhesive on the

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exposed subfloor. Re-lay the U 310 in the fresh adhesive within the open time of the adhesive and press firmly. Proceed in this way until the Bona U310 is completely adhered to the subfloor. Apply the adhesive using notched trowel Bona 850F or 1000F (depending of the evenness and composition of the surface)

Suitable parquet types

Block parquet
Solid timber strips / planks
Engineered multi-layered parquet

Please also refer to the instructions for use provided by the parquet or flooring manufacturer.

Consumption

Adhesive consumption ca. 1000 g/m²

Important Notes Suitable

- Suitable adhesives are: Bona R848/R848T, Bona Quantum/Quantum T, Bona Titan, Bona R777 and R778.
- Use the for the parquet installation the same adhesive as you have used for the board installation
- Sanding of the wooden floor should be carried out earliest 24 hrs. after installation!
- Building expansion gaps must not be covered with Bona U310
- Mastic asphalt floors must be well sanded. As the circumstances require a special pre-treatment is necessary. Please get in contact with your local Bona service technician
- Information provided on the technical data sheet of the respective Bona products must be respected
- The product can be installed on heated subfloors.

Bona takes only responsibility for the delivered product, no responsibility can be taken for the total installed product. If in doubt, conduct a test or a trial. Observe also other Bona product datasheets.

Fastening

