



Bona U310

Polyester spunbond fleece



Bona U310 is a polyester spunbond fleece designed to reduce stress transfer to the subfloor when installing prefabricated parquet, solid parquet and laminate over existing parquet or other critical subfloors. Hairline and shrinkage cracks in mineral subfloors can be bridged up to 0.5 mm. Due to its high tear resistance, the decoupling fleece helps to reduce tensions originating from the subfloor and prevents them transferring to the subsequent top layer.

- Easy to cut
- Stress relieving
- Suitable for use with various Bona adhesives
- Very low emissions - EMICODE: EC 1^{PLUS}

Technical Data

Base: Spunbond Polyester fleece

Color: Light green

Tensile strength (EN 9073-3):

LD 620 N/5 cm

TD 380 N/5 cm

Mass per unit area: 160 g/m²

Elongation at max. tensile strength (EN 9073-3):

LD 27 %

TD 30 %

Thickness: 0.8 mm

EMICODE: EC 1^{PLUS}

Shrinkage (at 200 °C):

LD < 1.7 %

TD < 0.6 %

Tear resistance:

LD ≥ 230 N ± 20%

TD ≥ 270 N ± 20%

Pack size: Single rolls 1 m x 50 m

Storage/Transport: Store in a cool, dry, well-ventilated place.

Shelf life: Unlimited.

Disposal: Product waste must be handled in accordance with local regulations. Product residues can be disposed as household or industrial waste.



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Subfloor Preparation

The subfloor must be level, sound, dry and free from dust, laitance, weak layers, residues and other contamination that may impair adhesion. Where applicable, the subfloor must comply with relevant local standards and codes of practice. If these conditions are not met, the subfloor must be suitably prepared and any deficiencies rectified prior to installation. Remove dust and debris by vacuum cleaning.

Cracks must be assessed prior to installation. Bona U310 is suitable for bridging hairline and shrinkage cracks up to 0.5 mm. Cracks greater than 0.5 mm must be repaired and made good prior to installation. Expansion joints must not be covered with Bona U310.

The bonding surface should be slightly textured. Smooth, sealed or non-absorbent surfaces must be abraded where required to provide a suitable bonding surface. Mastic asphalt subfloors must be broadcast with quartz sand (0.3–0.8 mm). If in doubt, contact your local Bona service support..

Depending on the subfloor type and the adhesive selected, pre-treatment with a suitable Bona primer may be required in accordance with the relevant Technical Data Sheet. Bona U310 is suitable for use on subfloors with underfloor heating.

Application instructions

Bona U310 must be fully bonded to the subfloor using a Bona silane adhesive intended for wood flooring installation. Use the same adhesive to bond the wood flooring.

Cut Bona U310 to the room shape. Lay Bona U310 at an angle of 45–90° to the intended laying direction of the wood flooring and lay the lengths edge to edge without overlap.

Fold back one length by approximately half its width and apply the adhesive to the exposed subfloor. Lay Bona U310 into the adhesive within its open time and press down firmly to ensure full contact. Continue in this way until the entire area is fully bonded.

Apply the adhesive using a Bona 850F notched trowel. On coarse or uneven subfloors, use a Bona 1000F notched trowel.

After the adhesive has cured, the wood flooring can be installed as normal.

If the wood flooring is to be abraded after, this should not be carried out earlier than 24 hours after installation.

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.

The information in this document and all other advice and recommendations that we provide to help and assist the applicator are based on previous experience and extensive testing but makes no claim to be complete. Because of the wide range of possible uses and conditions of application of our products, we do not relieve users from the need to carry out their own trials or to seek technical advice from Bona before use. Bona can only guarantee its products and not the construction as a whole. Observe the recommendations from the flooring manufacturer and the provisions of relevant standards.