

Bona U300

Sound Decoupling Matting

Bona U300 is an underlayment made of cork and rubber granules. Used under parquet, laminate floors and other floor coverings it will reduce the transmission of sound from footfall. If the underlayment is bonded by adhesives both to the subfloor and the parquet it can reduce the stresses on a (weak) subfloor.

- Easy to lay
- Improvement of walking and living comfort
- Low flammability

Technical Data

Base:	Fine PU foam and cork granules of recycled rubber bound with polyurethane
Color:	brown (cork), black/grey/beige/brown (PU foam)
Density:	approx. 550 kg/m ³
Tensile strength: approx.	0.8 N/mm ²
Elongation at break: approx.	30%
Thickness:	2, 3 and 5 mm (\pm 0.3 mm)
Service temperature range:	- 30°C bis 80°C
Heat transfer resistance:	0.04 m ² K/W for 3 mm slab
Flammability resistance:	Efl (EN 13501)
Impact sound improvement:	Δ LW = 16 dB with 2mm under 10mm engineered parquetry Δ LW = 18 dB with 2mm glued under 10mm parquetry block Δ LW = 18 dB with 3mm glued under 16mm parquetry block Δ LW = 19 dB with 2mm glued under 10mm parquetry (2 layer)
Pack size (Rolls):	2 mm: 1,00 m x 30 m 3 mm: 1,00 m x 20 m 5 mm: 1,00 m x 16 m

Subfloor Preparation

The substrate must be even, totally dry, clean, free from cracks, physically sound and have a slightly textured surface. If necessary it should be professionally prepared for laying.

Suitable Subfloors

- Unheated or heated screeds
- Screed elements, chipboard or plywood
- Concrete
- Mastic asphalt
- Other well-prepared subfloors

N.B. floors with underfloor heating are suitable, but check for heat transfer resistance

Processing

Unbonded:

Bona U300 can be used also for the sound insulation for floating wooden floors. Lay the U 300 on the floor without overlapping and cut it to the shape of the room.

Fully bonded:

Lay the Bona U300 at an angle of 45-90° to the intended laying direction of the floor. Lift a section approx. half its length and apply the adhesive on the exposed subfloor. Re-lay Bona U300 within the open time of the adhesive and press firmly.

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Technical Data Sheet

Proceed in this way until Bona U300 is completely adhered to the subfloor. Apply the adhesive using notched trowel Bona 850G. In case of coarse and weak surfaces a notched trowel with higher teeth likes Bona 1000G is recommended. After the base adhesive has set the parquet or laminate can be laid and adhered to the Bona U300 in the usual way. For rooms wider than 5 m expansion joints should be installed in parquet or laminate.

Important Notes

The following adhesives are recommended to glue down Bona U300 to the subfloor:

Bona R770 / R777 / R778

Bona R850 / R850T / Titan

Use the same adhesive for the following parquet installation!

Suitable parquet types

- Block parquet
- Solid timber strips / planks
- Engineered multi-layered parquet
- End grain (use only Bona U300 3 mm)
- Parquet floors without groove and tongue - use Bona U300 2 mm only

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

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.

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Fastening

