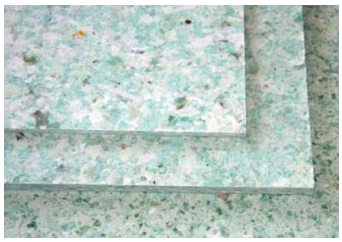
Bona U340

Technical data sheet

Fastening



Bona U340 is a Polyester fibre board underlay (4mm) that reduces the stress transferred to the subfloor when installed prior to the final floor covering e.g. ceramic tiles, natural stone, wooden flooring etc. The high compressive strength renders it capable of tolerating high loads (up to 5.0 kN/m²,). It is suitable for use in domestic and commercial premises. Additionally, acoustic dampening for all floor types is significantly improved. It is easy to cut to shape and install and is unaffected by damp and fungal decay.

- Flexible but stable
- Water and rot proof
- Recyclable
- Reduces subfloor stress
- Bridges cracks /breaks in the subfloor
- Reduces sound transmission
- Easy to handle
- Traffic load up to 5 kN/m²

Technical data

Product/material:	Polyester bonded fibre board
Dimensions:	1000 x 600 x 4 mm 1000 x 600 x 9 mm
Weight:	4 mm = 3,1 kg/m² 9 mm = 6,0 kg/m²
Compressive strength:	(DIN 53456) 10 N/mm²
Bending strength:	(DIN 53453) 2 N/mm²
Tensile strength:	(DIN 53457) 6,0 N/mm²
Floor-load capacity:	5,0 kN/m²
Thermal conductivity:	4 mm = λ 0,11 W/(mK) 9 mm = λ 0,06 W/(mK)
Thermal resistance:	4 mm = 0,04 m²K/W 9 mm = 0,15 m²K/W
Fire classification	E (fl) acc. to EN 13502-2:
Moisture absorption at water storage:	max. 65 Gew. %
Storage:	Dry and prone, unlimited shelf life Rot proof
Pack size:	Box of 20 panels, 10 boxes / pallet
Disposal:	Product residues can be disposed as household or industrial waste

Surface preparation

The substrate must be even, totally dry, clean, free from cracks and physically sound. The surface should also be slightly textured. If applicable, it must meet the requirements of local standards or codes of practice. Failure to properly prepare the sub floor will affect the performance and life of the system. All contamination, such as carpet remnants, etc., must be removed, so far as it is possible, using mechanical methods. Hollow areas and depressions should be repaired / levelled a suitable remedial material (e.g. Bona H610). Uneven floorboards must be levelled; loose boards must be screwed.

Suitable surfaces

Maybe used on all indoor subfloors in residential and commercial areas, in new or old buildings. In particular for renovation or rehabilitation of technically or physically bad or questionable subfloors, old substrates with adhesive residues, on concrete, pavement, asphalt, PVC, wooden floorboards , plywood, old tiles, etc. On floors with underfloor heating consider issues of thermal conductivity (see technical Information).

Processing

Place Bona U340 over the whole subfloor which has to be covered, and cut it (e.g. using a jigsaw with a fine wood saw blade) exactly to size (at least 5 mm from the wall

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With the release of this information all previously issued information about this product to lose its validity (October 2011)

and the expansion joint). Lay in a direction which is oblique or diagonal to the direction of the wood flooring. Begin at the centre of the room.

Put the panels aside and apply a suitable Bona adhesive on the substrate using the notched trowel Bona 850G or 1000G. Lay Bona U340 time into the adhesive and press down firmly. Ensure adequate contact of the panels with the adhesive and the substrate. With problematic substrates the panels can also be dowelled at their edges. Wooden flooring can be laid on the installed panels after 24-48 hours, depending on the curing time of the specific adhesive used.

Suitable adhesives for bonding the panels to the subfloor are
- Bona R770 / R777 / R778
- Bona R845 / R850 / R850T / R860 / R870T

(Depending on substrate and adhesive system a primer like Bona D501, R410, R540 or R580 may be required)

Suitable adhesives for bonding the wooden flooring on the panels:
- Bona R770 / R777 / R778
- Bona R845 / R850 / R850T / R860 / R870T
- Bona D705 / D720

If Bona U340 glued down using Bona Silane adhesives, it is recommend, to use the same adhesive for the wooden floor.