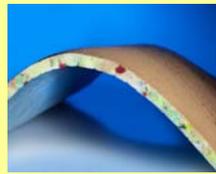


Technical datasheet

UNDERPADDING

BESTBASE Rebond Polyurethane

Starbase FR



Estillon
leading in underlay

BESTBASE

Description

: Starbase is produced from high quality 100% recycled rebond polyurethane foam. This lightweight polyurethane foam increases the experience of luxury and comfort of the carpet. Starbase is suitable for domestic and at project applications in guestroom areas.

- Excellent compression recovery capability
- Lightweight and easy to install
- Environmental friendly produced and 100% recycled material
- Fire retardant Euroclass Bfl-S1
- Classification: HC/U Heavy contract use, suitable for heavy foot and wheel traffic and castor chairs

Installation method

: Double stick method or stretched installation – crêpe side up

Thickness

: 5/6/8/10 mm – Maximum tolerance 10%

Dimensions

: 10 m x 1,5 m = ± 15 m²

Weight

: 840/1000/1320/1640 gram/m² – Maximum tolerance 10%

Density

: 160 kg/m³ – Maximum tolerance 10%

Material

: Top layer : FR Crêpe
Middle layer : Rebond polyurethane foam
Bottom layer : PP Spunbond non-woven

Packing

: White LDPE-foil (no core) with insert-sheet with installation instructions

Technical information

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Testing methods	Min.requirement (acc. EN 14499 (2004))	Results
Dimensional stability Traction Breaking strength -length /width Extension Extension under force length / width (Test method: ISO 13934-1)	≥ 40 N ≤ 10%	Length: 156 N / Width: 62 N Length: 5,0 % / Width: 3,0 %
Comfort aspect Short static loading Retention of work of compression after 2 hrs of static loading Loss in thickness after 24 hrs static loading and 60 min recovery (Test method: ISO 3416-1986) Prolonged static loading Loss in thickness after 24 hrs static loading and 24 hrs recovery (Test method: ISO 3416-1986)	≥ 80% ≤ 20% ≤ 15%	97,0 %, excellent result 6,6 %, excellent result 3,0 % excellent result
Thermal resistance Thermal resistance for floorheating (R-value) (Test method: ISO8302)	None	5mm 0,17 m ² .K/W or 1,7 togs 6mm 0,20 m ² .K/W or 2,0 togs 8mm 0,27 m ² .K/W or 2,7 togs 10mm 0,34 m ² .K/W or 3,4 togs
Impact sound reduction Measured value of impact sound reduction (Delta Lw) (Test method: ISO 140-8:1998 & ISO 717-2:1997)	None	25-31dB ΔLw
Fire retardancy Euroclas Radial Panel in reference with EURO-classification * Tested in combination with an 80/20 Axminster carpet (Test method: EN ISO 9239-1:2002) ASTM Radial Panel test ** Tested in combination with an 80/20 Axminster carpet (Test method: ASTM E 648-06) Russian Requirements on Fire Safety (Test method: FZ-123 dd. 22/07/2008)	Report nr. 89202864.01br Rapport Nr. 143611-12 Certificate No. C.NL.ПБ67.B.00535 TP 1381440	Euroclass Bfl-S1* Class I** Class KM3

Installation instruction:

- Let the carpet as well as the underpadding acclimatise for 24 hrs in its original packing in the room to be installed.
- The best temperature for installation is 15-20°C and a humidity of 50-70%
- Make sure that the underfloor is absolutely dry and free of grit and dust
- To cut the underpadding we recommend to use a trapezium blade
- Underpadding can not prevent the natural shrinkage of carpet. For that reason we strongly advise always to use the double stick method (gluing both the underpadding as well as the carpet) in case of shrink-sensible carpet qualities. Always follow the installation instructions of the carpet manufacturer.

In case the installation has not been done in accordance with the installation instructions, Estillon can not be held responsible for any damage or claim as a result of an incorrect installation. In case of doubt always consult your supplier.



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