

Black Uni-B1 1,5/2/3/5 mm

Black Uni is a high density PU foam based compound. Black Uni is suitable for the installation of Dry back pvc/lvt, click pvc/lvt, composite as laminate and wooden floors in both domestic and project area's. Black Uni is a universal product for all kind of floorcovering

- Acoustic underlay with very good sound insulation values
- Very low emissions
- Also available in flame-retardant version (B1/Bfl-S1 certificate)
- High pressure stability
- Underfloor heating suitable
- Meets the increased requirements of EN16354
- Both surfaces with anti-slip properties to support click connections

Installation method :	Floating or Glue installation. Install the seams tightly.
Direction of installation method	Always install the underlay in a 90 angle underneath the length of the floorcovering in order to avoid matching of seams in underlay and floorcovering.
General building inspection license:	NA
Quietroom® label:	NA
Thickness:	1,5/2/3/5 mm / $\pm 0,15/2/3/5$ mm - maximum tolerance 10%
Dimensions:	30 m x 1 m = ± 30 m ² (1,5 and 2 mm) / 20 m x 1 m = ± 20 m ² (3 mm) / 16 m x 1 m = ± 16 m ² (5 mm)
Weight:	1,5 mm = 825 gr/m ² / 2,0 mm = 1.100 gr/m ² / 3 mm = 1.650 gr/m ² / 5 mm = 2750 gr/m ² / $\pm 83 / 110 / 165 / 275$ gr/m ² - maximum tolerance 10%
Density:	550 kg/m ³ / ± 55 kg - maximum tolerance 10%
Material:	PU foam compound
Packing:	Material : recycled HDPE foil (no core) with insert sheet

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Technical information:

	EN16354	Unit	1,5 mm	2,0 mm	3,0 mm	5,0 mm
Punctual Conformability	PC	mm	> 0,5	> 0,5	> 0,5	> 0,5
Compressive strenght (Test method: EN16354)	CS	kPa/m ²	>500	>400	>300	>200
Caster chair test (Test method : EN 985)			Passed	Passed	Passed	Passed
Impact Sound Reduction (Testmethod: ISO 140-8:1998 & ISO 717-2:1997) * (depending on floor covering)	IS	ΔL_w dB	16-25*	16-25*	16-25*	16-25*
Thermal Resistance (Test method: NA)	R	m ² K/W	0,020	0,027	0,040	0,067
Fire retardency (Test method: EN13501)			Efl/Bfl-S1	Efl/Bfl-S1	Efl/Bfl-S1	Efl-Bfl-S1
ASTM (Test method: ASTM E 648-06)			NA	NA	NA	NA
Russian requirements on fire safety (Test method: FZ-123)			NA	NA	NA	NA

Installation instructions:

- Let the floorcovering as well as the underpadding acclimatise for 24 hours in the original packing in the room to be installed.
 - The best temperature for installation is 5-20°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 Floorcovering. For that reason we strongly advise to leave a gap a 8-10 mm along all walls.
- Always follow the installation instructions of the floorcovering manufacturer.

Important:

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.

