



High performance acoustic underlay for laminate flooring

- Impact noise reduction 20 db ΔL_w with laminate flooring
- Walking sound reduction of 28%
- Integrated vapour barrier
- Self-adhesive overlap
- Thickness only 2.0 mm
- TOG - 0.5

BlueFloor® is a subfloor specifically designed for the attenuation of walking sounds and impact noise reduction, when used in combination with laminate flooring.

BlueFloor® has an integrated polyethylene film with a selfadhesive overlap, serving as a vapour barrier. This product is also suitable for the floating installation of all types of engineered wood flooring.

BlueFloor® attenuates walking sound with no less than 28%.

Combined with laminate flooring, BlueFloor® shows an impact noise reduction of 20 dB ΔL_w (ISO 10140-3 2010).



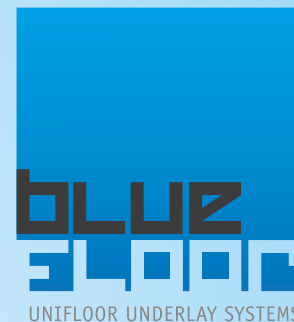
PRODUCT SPECIFICATIONS

TECHNICAL DATA

Article number	136.500
Thickness/tolerance (mm)	2 / ± 0.1
Size (cm)/tolerance (mm)	100 x 1500 / ± 1.0
Raw material(s) combinations	Extruded PE foam
Colour	Light blue/ transparent foil
Weight per m ² (kg)	0.333
Weight per roll (kg)	5
Density (kg/m ³)	168
Fire class (according to EN13501: 2007)	
Nude test	E _{fl-s1}
Thermal conductivity λ value (W.m/K)	40.71
Thermal resistance R value (m ² .K/W)	0.051
(according to ISO 8302:1991 and EN 12667:2001)	
TOG	0.5
Compressive strength (kPa)	90
(according to EN 826 with 0.5 mm imprint)	
Compressive creep (kPa)	25
(according to norm EN 1606)	
Dynamic load (Cycli by 70 kPa)	100.000
(according to norm EN 13793)	
Punctual conformability (mm)	1.5
(according to min. EPLF & EN 16354 > 0.5 mm)	
Resistance to large Ball (m)	1.2
(according to min. EPLF & EN 16354 > 50 cm)	
SD value (m)	> 75
(according to min. EPLF & EN 16354 > 75 m)	
Reflection walking sound (%)	28
(according to EPLF working draft 021029-5 F1)	
Impact sound reduction on concrete floor (according to ISO 10140-3 2010) in combination with click laminate	20 dB ΔL _w
Formaldehyde degree	E-1
EPLF norm	Meets minimum EPLF standard
MMFA norm	Meets minimum MMFA standard

APPLICATION

High performance acoustic subfloor for laminate flooring and engineered wood flooring.



ROLL

15 m²

• Width 100 cm

Thickness 2 mm

PACKAGING

Installation instructions present
Pallet contents 1 box (20 roll) / 300 m²
Pallet size (lwxhxh) 800 x 1200 x 1250 mm
Pallet weight 125 kg



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about
Bluefloor®!**

Visit www.unifloor-underlay.com for
the most up-to-date information.