

TECHNICAL SPECIFICATION

Heatflow Wood & Laminate

High density sponge rubber underlay for laminate and solid wood floors installed over underfloor heating

Incorporates Thermylin™ for improved thermal conductivity
 For use under floating laminate, solid timber and engineered wooden floors
 Suitable for both domestic and contract applications
 Guaranteed for the serviceable lifetime of the floorcovering under which it is laid
 when used in the recommended locations
 Roll size: 1.37 m x 11.0 m

Note: When fitted over a concrete subfloor, ensure that a moisture membrane of a grade recommended by the manufacturers of the wood or laminate flooring is installed between the subfloor and Heatflow Wood & Laminate underlay

Specification	Result	Method
Nominal weight	2407 g/m ² (71 oz/yd ²)	
Nominal thickness	3.00 mm	BS 4051
Mean original thickness from nominal thickness	2.0 %	
Difference between maximum & minimum original thicknesses	0.3 mm	
Tensile strength - length	1100 kPa	EN ISO 1798: 2000
Tensile strength - width	500 kPa	
Elongation @ break - length	60 %	
Elongation @ break - width	40 %	
Compressive stress @ 25% strain	70 kPa	EN ISO 3386 Pt 2: 1998
Compressive stress @ 50% strain	400 kPa	
Odour	No objectionable odour	
Colour and appearance	Black sponge rubber sheet with printed Textron paper backing	
Weighted reduction in impact sound pressure level (ΔL_w)	21 dB	Tested to BSEN ISO 140-8: 1998, rated to BSEN ISO 717-2: 1997.
Thermal properties		
Thermal resistance	0.35 togs	BS 4745
R-Value	0.035 m ² K/W	
U-Value	28.6 W/m ² K	
Thermal conductivity	0.101 W/m.K	

Acoustic Properties: Sone wood/laminate flooring test	Result	Method
Drum sound classification	S_{L20}	EPLF-Norm 021029-1
Drum sound emission = 57 Sone when tested with 7mm DPL laminate flooring at the WKI Fraunhofer-Institut. Reference sample ~3.0mm PE foam = 72 Sone.		

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Please note: This document does not constitute a manufacturing specification. It details important technical performance and physical characteristics of the product only. Please contact the Technical Department for any further information.

Interfloor Limited, Broadway, Haslingden, Rossendale, Lancs. BB4 4LS.
 Tel: +44(0)1706 213131 Fax: +44(0)1706 260800 Email: technical@interfloor.com Web: www.interfloor.com