

High density resilient sponge rubber underlay for laminate and solid timber floors

Suitable for both domestic and contract applications
For use under floating laminate, solid timber and engineered wooden floors

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

Specification	BS Requirements	Result	Method
Nominal weight		2545 g/m ² (75 oz/sq yd)	
Thickness		3.00mm	BS 4051
Mean original thickness from nominal thickness	Maximum 12%	1.2 %	
Difference between max. & min. original thicknesses	Maximum 3 mm	0.3 mm	
Work of compression	Minimum 50 J/m ² after dynamic loading for 1000 impacts	55 J/m ²	BS 4098 & BS 4052
Compression after dynamic loading	Minimum 2 mm, maximum 7 mm after dynamic loading	2.2 mm	
Retention of work of compression	Minimum 40% of original after 1000 impacts	74 %	
Breaking strength - length	Minimum 40N	173 N	BS 2576
Breaking strength - width		55 N	
Extension under force - length	Maximum 10% @ 40N	0.7 %	
Extension under force - width		7.7 %	
Loss in thickness after dynamic loading	Maximum 15% after 1000 impacts	6.9 %	BS 4052
Loss in thickness after static loading	Maximum 15% after 24 hrs recovery	13.2 %	BS 4939
Resistance to cracking	Not greater than 50 mm	Pass	BS 5808
Odour		No objectionable odour	
Colour and appearance		Green sponge rubber sheet	
Weighted reduction in impact sound pressure level (ΔL_w)		24 dB	BSEN ISO 140-8: 1998 & BSEN ISO 717-2: 1997
Thermal resistance		0.57 togs	BS 4745

Acoustic Properties: Sone wood/laminate flooring test	Result	Method
Drum sound classification (indicative)	S_{L30}	EPLF-Norm 021029-1
Drum sound emission = 57 Sone when tested with Uniclic 700 laminate flooring at the WKI Fraunhofer-Institut. Typical 2.5mm PE foam = 77 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.

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