

Underlay Technical Specification

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Issue No. 8

Sponge Rubber

Suitable for underfloor heating

Suitable for the stretch-fit installation of carpets

End Use Classification (BS 5808: 1991): L/U, Luxury Use



Standard Specifications

Nominal square weight †	4238 g/m ² (125 oz/yd ²)
Nominal roll weight†	46.6 kg (102 lb)
Roll area*	10.96m ² (1.33m x 8.24m)

BS 5808: 1991

End Use Classification	L/U, Luxury Use	
Nominal thickness†	8.30mm	BS 4051
Work of compression Minimum 50 J/m ²	150 J/m ²	BS 4098 & BS 4052
Retention of work of compression (min 40%)	98 %	BS 4098 & BS 4052
Compression after dynamic loading	4.6 mm	BS 4098 & BS 4052
Loss in thickness after dynamic loading (max 15%)	2.5%	BS 4052
Loss in thickness after static loading (max 15%)	3.0 %	BS 4939
Breaking strength (length/width) min. 40N	182N / 126N	BS 2576
Extension under force (length/width) max. 10% @ 40N	2.2 % / 1.0 %	BS 2576
Resistance to cracking (not greater than 50mm)	Pass	BS 5808

Flammability

Hot metal nut test (tested in Interfloor laboratory)	Low radius of effects of ignition	BS 4790 & BS 5287
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Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Black / printed Textron® backing	
Packaging	Cream film / blue print	
Thermal resistance	0.80 togs	BS 4745
Impact sound reduction (Delta Lw)	42 [‡]	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	

Certification



Guarantee

Guaranteed for the serviceable lifetime of the carpet when used in accordance with the End Use Classification.

Notes

- * The nominal roll dimensions have been quoted. These may vary slightly, but will still equate to the area quoted. This does not constitute a manufacturing specification. It details important performance and physical characteristics only.
- † ±5%
- ‡ Value derived from similar product test results