

# Underlay Technical Specification

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Issue No. 7

## Sponge Rubber

**Suitable for the stretch-fit installation of carpets**

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



### Standard Specifications

Nominal square weight †	3899 g/m <sup>2</sup> (115 oz/yd <sup>2</sup> )
Nominal roll weight†	42.7 kg (94 lbs)
Roll area*	10.96m <sup>2</sup> (1.37m x 8.0m)

### BS 5808: 1991

End Use Classification	L/U, Luxury Use	
Nominal thickness†	9.50mm	BS 4051
Work of compression Minimum 50 J/m <sup>2</sup>	184 J/m <sup>2</sup>	BS 4098 & BS 4052
Retention of work of compression (min 40%)	81 %	BS 4098 & BS 4052
Compression after dynamic loading	6.1 mm	BS 4098 & BS 4052
Loss in thickness after dynamic loading (max 15%)	3.9 %	BS 4052
Loss in thickness after static loading (max 15%)	5.3 %	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	Gold film / black print	
Thermal resistance	1.51 togs	BS 4745
Impact sound reduction (Delta Lw)	42 dB	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