

## Underlay Technical Specification

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### Crumb Rubber

**Suitable for underfloor heating**

**Suitable for the double-stick and stretch-fit installation of carpets**

**End Use Classification (BS 5808: 1991): HC/U, Heavy Contract Use**



#### Standard Specifications

Nominal square weight †	2100 g/m <sup>2</sup> (62 oz/yd <sup>2</sup> )
Nominal roll weight †	31.6 kg (70 lbs)
Roll area*	15.07m <sup>2</sup> (1.37m x 11.0m)

#### BS 5808: 1991

End Use Classification	HC/U, Heavy Contract Use	
Nominal thickness†	5.25mm	BS 4051
Work of compression Minimum 50 J/m <sup>2</sup>	75 J/m <sup>2</sup>	BS 4098 & BS 4052
Retention of work of compression (min 40%)	100 %	BS 4098 & BS 4052
Compression after dynamic loading	2.0 mm	BS 4098 & BS 4052
Loss in thickness after dynamic loading (max 15%)	4.3 %	BS 4052
Loss in thickness after static loading (max 15%)	3.8 %	BS 4939
Breaking strength (length/width) min. 40N	700N / 300N	BS 2576
Extension under force (length/width) max. 10% @ 40N	1.0% / 0.5%	
Resistance to cracking (not greater than 50mm)	Pass	BS 5808

#### Flammability

Russian GOST FR Test	Classification KM5	GOST 30244-94, GOST 30402-96 GOST 51032-97, GOST 12.1.044-89 (item 4.18), GOST 12.1.044-89 (item 4.20)
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#### Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Black / woven polypropylene backing	
Packaging	Grey film / black print	
Thermal resistance	0.83 togs	BS 4745
Impact sound reduction (Delta Lw)	25 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%