

Underlay Technical Specification

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Issue No. 7

Crumb Rubber

**Suitable for the single -stick, double-stick and stretch-fit installation of carpets
Not suitable for single-stick applications in areas greater than 33m²**

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



Standard Specifications

Nominal square weight†	4000 g/m ² (118 oz/yd ²)
Nominal roll weight†	43.84 kg
Roll area*	10.96m ² (1.37m x 8.00m)

BS 5808: 1991

End Use Classification	HC/U, Heavy Contract Use	
Nominal thickness†	9.20mm	BS 4051
Mean original thickness from nominal thickness (max. 12%)	3.0 %	BS 4051
Difference between max. & min. original thickness (max. 3mm)	0.4 mm	BS 4051
Work of compression Minimum 50 J/m ²	98 J/m ²	BS 4908 & BS 4052
Retention of work of compression (min 40%)	100 %	BS 4908 & BS 4052
Compression after dynamic loading	2.2 mm	BS 4908 & BS 4052
Loss in thickness after dynamic loading (max 15%)	2.1 %	BS 4052
Loss in thickness after static loading (max 15%)	2.8 %	BS 3939
Breaking strength (length/width) min. 40N	710N / 332N	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

Hot metal nut test	Low radius of effects of ignition	BS 4790 & BS 5287
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)

Certification



Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Black / woven polypropylene backing	
Packaging	Green film / black print	
Thermal resistance	1.55 togs	BS 4745
Impact sound reduction (Delta Lw)	32 dB	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	



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%