

Underlay Technical Specification

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Sponge Rubber

Suitable for underfloor heating

Suitable for flame retardant applications

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 †	3153 g/m ² (93 oz/yd ²)
Nominal roll weight†	47.5 kg (106 lbs)
Roll area*	15.07m ² (1.35m x 11.16m)

BS 5808: 1991

End Use Classification	HC/U, Heavy Contract Use	
Nominal thickness†	6.00mm	BS 4051
Mean original thickness from nominal thickness (max. 12%)	3.0 %	BS 4051
Difference between max. & min. original thickness (max. 3mm)	0.3 mm	BS 4051
Work of compression Minimum 50 J/m ²	119 J/m ²	BS 4908 & BS 4052
Retention of work of compression (min 40%)	86 %	BS 4908 & BS 4052
Compression after dynamic loading	3.0 mm	BS 4908 & BS 4052
Breaking strength (length/width) min. 40N	282N / 162N	BS 2576
Extension under force (length/width) max. 10% @ 40N	0.8% / 0.5%	BS 2576
Loss in thickness after dynamic loading (max 15%)	3.8 %	BS 4052
Loss in thickness after static loading (max 15%)	4.2 %	BS 3939
Resistance to cracking (not greater than 50mm)	Pass	BS 5808

Flammability

Hot metal nut test (Not greater than 50mm)	Low radius of effects of ignition	BS 4790 & BS 5287
Critical radiant flux	Category 1 (0.53W/cm ²)	ASTM E648 / NFPA253
Reaction to fire classification (tested in conjunction with Brintons Axminster 1028 carpet)	Cfl-s1	Tested to ENISO9239-1 & 11925-2, rated to EN13501-1
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)

Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Black / printed Textron® backing	
Packaging	Red film / white print	
Thermal resistance	0.66 togs	BS 4745
Impact sound reduction (Delta Lw)	31 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%