

Underlay Technical Specification

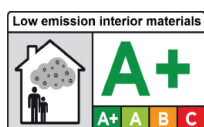
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Issue No. 8



Certification



Guarantee

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

Crumb Rubber

Suitable for the stretch-fit installation of carpets

End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): HC/U, Heavy Contract Use

Standard Specifications*

Nominal square weight	2425 g/m ² (72 oz/yd ²)	
Nominal roll weight	36.52 kg	
Nominal roll area	15.07m ² (1.37m x 11.0m)	
Nominal thickness	6.75mm	ISO 1765

BS 5808: 1991 / EN14499 : 2015

End Use Classification	HC/U, Heavy Contract Use	
Mean original thickness from nominal thickness (max. 12%)	2.0 %	ISO 1765
Difference between max. & min. original thickness (max. 3mm)	0.4 mm	ISO 1765
Work of compression (Min. 50 J/m ² Max. 200 J/m ²)	79 J/m ²	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	100 %	BS 4098 & ISO 2094
Compression after dynamic loading	2.4 mm	BS 4098 & ISO 2094
Loss in thickness after dynamic loading (max 15%)	4.7 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	4.6 %	ISO 3415/3416 & BS 4939
Breaking strength (length/width) min. 30N	337N / 147N	EN ISO 13394 BS 2576
Extension under force (length/width) max. 15% @ 30N	1.5% / 0.6%	
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808

Flammability

Russian GOST FR Test	Classification KM5	
Hot metal nut test	Low radius of effects of ignition	BS 4790 & BS 5287

Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Green / Bacloc backing	
Packaging	Grey film / blue print	
Thermal resistance	1.15 togs	BS 4745
Impact sound reduction (Delta Lw)	26 dB	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	

Notes

- * The nominal roll dimensions have been quoted. These may vary slightly but will comply with the requirements of BS EN 14499:2015
- ‡ Value derived from similar product test results