

Underlay Technical Specification

Item Code: TAKENDEL

Issue Date: 11/3/2013

Issue No. 4

Crumb Rubber / Felt

Suitable for the stretch-fit installation of carpets

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



Standard Specifications

Nominal square weight †	2500 g/m ² (80 oz/yd ²)
Nominal roll weight†	27.4 kg
Roll area*	10.96m ² (1.30m x 8.43m)

BS 5808: 1991

End Use Classification	HC/U, Heavy Contract Use	
Nominal thickness†	11.00mm	BS 4051
Work of compression Minimum 50 J/m ²	121 J/m ²	BS 4098 & BS 4052
Retention of work of compression (min 40%)	86 %	BS 4098 & BS 4052
Compression after dynamic loading	3.9 mm	BS 4098 & BS 4052
Loss in thickness after dynamic loading (max 15%)	6.8%	BS 4052
Loss in thickness after static loading (max 15%)	11.1 %	BS 4939
Breaking strength (length/width) min. 40N	659N / 1140N	BS 2576
Extension under force (length/width) max. 10% @ 40N	5.7 % / 4.5 %	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
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	
Colour / backing	Black / grey felt backing	
Packaging	Red film / silver print	
Thermal resistance	1.70 togs	BS 4745
Impact sound reduction (Delta Lw)	30 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