

## Underlay Technical Specification

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Issue No. 1

### Sponge Rubber

**Suitable for the stretch-fit installation of carpets**

**End Use Classification (BS 5808: 1991): L/U, Luxury Use**



#### Standard Specifications

Nominal square weight <sup>†</sup>	3051 g/m <sup>2</sup> (90 oz/yd <sup>2</sup> )
Nominal roll weight <sup>†</sup>	46.0 kg
Roll area*	15.07m <sup>2</sup> (1.37m x 11.00m)

#### BS 5808: 1991

End Use Classification	L/U, Luxury Use	
Nominal thickness <sup>†</sup>	8.90mm	BS 4051
Mean original thickness from nominal thickness (max. 12%)	4.0 %	BS 4051
Difference between max. & min. original thickness (max. 3mm)	0.4 mm	BS 4051
Work of compression Minimum 50 J/m <sup>2</sup>	128 J/m <sup>2</sup>	BS 4098 & BS 4052
Retention of work of compression (min 40%)	82 %	BS 4098 & BS 4052
Compression after dynamic loading	4.7 mm	BS 4098 & BS 4052
Loss in thickness after dynamic loading (max 15%)	4.2 %	BS 4052
Loss in thickness after static loading (max 15%)	3.0 %	BS 4939
Breaking strength (length/width) min. 40N	182N / 126N	BS 2576
Extension under force (length/width) max. 10% @ 40N	2.2% / 1.0%	
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
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#### 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.
- <sup>†</sup> ±5%
- ‡ Value derived from similar product test results