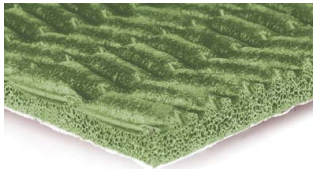


## Underlay Technical Specification

Item Code: TAHEATCARPET

Issue Date: 11/3/2013

Issue No. 9



### Sponge Rubber

**Suitable for underfloor heating**

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

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

#### Standard Specifications

Nominal square weight †	3017 g/m <sup>2</sup> (89 oz/yd <sup>2</sup> )
Nominal roll weight†	45.5 kg (100 lbs)
Roll area*	15.07m <sup>2</sup> (1.33m x 11.33m)

#### BS 5808: 1991

End Use Classification	HC/U, Heavy Contract Use	
Nominal thickness†	6.10mm	BS 4051
Work of compression Minimum 50 J/m <sup>2</sup>	148 J/m <sup>2</sup>	BS 4908 & BS 4052
Retention of work of compression (min 40%)	91 %	BS 4908 & BS 4052
Compression after dynamic loading	3.5 mm	BS 4908 & BS 4052
Loss in thickness after dynamic loading (max 15%)	4.3 %	BS 4052
Loss in thickness after static loading (max 15%)	4.1 %	BS 3939
Breaking strength (length/width) min. 40N	182N / >126N	BS 2576
Extension under force (length/width) max. 10% @ 40N	2.2% / 1.0%	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)

#### Certification



#### Thermal Properties

Thermal resistance	0.75 togs	BS 4745
R-Value	0.075 m <sup>2</sup> K/W	
U-Value	13.3 W/m <sup>2</sup> K	
Thermal conductivity (k)	0.09 W/mK	

#### Other Specifications

Odour	No objectionable odour
Antimicrobial and mildew resistant	Yes
Colour / backing	Forest green / printed Textron® backing
Packaging	White film /green, red, blue print
Impact sound reduction (Delta Lw)	31 dB <small>BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997</small>
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria

#### 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

#### Guarantee

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