

Underlay Technical Specification

Item Code: TAHEATCARPET2

Issue Date: 05/01/2021

Issue No. 9

Sponge Rubber

Suitable for the stretch-fit installation of carpets

Suitable for underfloor heating. We do not recommend an underlay is used with an electric mat (or dry) underfloor heating system.

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



Standard Specifications*

Nominal square weight	3017 g/m ² (89 oz/yd ²)	
Nominal roll weight	30.2 kg (66.6 lbs)	
Nominal roll area	10.00m ² (1.37m x 7.30m)	
Nominal thickness	6.10mm	ISO 1765

BS 5808: 1991 / EN14499 : 2015

End Use Classification	HC/U, Heavy Contract Use	
Work of compression (Min. 50 J/m ² Max. 200 J/m ²)	148 J/m ²	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	91 %	BS 4098 & ISO 2094
Compression after dynamic loading	3.5 mm	BS 4098 & ISO 2094
Loss in thickness after dynamic loading (max 15%)	4.3 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	4.1 %	ISO 3415/3416 & BS 4939
Breaking strength (length/width) min. 30N	182N / >126N	EN ISO 13394 BS 2576
Extension under force (length/width) max. 15% @ 30N	2.2% / 1.0%	EN ISO 13394 BS 2576
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & 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)

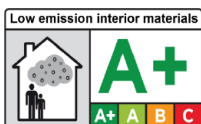
Thermal Properties

Thermal resistance	0.75 togs	BS 4745
R-Value	0.075 m ² K/W	
U-Value	13.3 W/m ² 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 / red print	
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 comply with the requirements of BS EN 14499:2015
- ‡ Value derived from similar product test results