

**Underlay Technical Specification**

Item Code: TAWILLOW

Issue Date: 22/03/2019

Issue No. 9

**Sponge Rubber**

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

**End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): GD/U, General Domestic Use**

Standard Specifications\*

Nominal square weight	2712 g/m <sup>2</sup> (80 oz/yd <sup>2</sup> )	
Nominal roll weight	40.86 kg	
Nominal roll area	15.07m <sup>2</sup> (1.37m x 11.00m)	
Nominal thickness	8.40mm	ISO 1765

BS 5808: 1991 / EN14499 : 2015

End Use Classification	GD/U, General Domestic Use	
Mean original thickness from nominal thickness (max. 12%)	4.0 %	ISO 1765
Difference between max. & min. original thickness (max. 3mm)	0.5 mm	ISO 1765
Work of compression (Min. 50 J/m <sup>2</sup> Max. 200 J/m <sup>2</sup> )	108 J/m <sup>2</sup>	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	70 %	BS 4098 & ISO 2094
Compression after dynamic loading	5.3 mm	BS 4098 & ISO 2094
Loss in thickness after dynamic loading (max 15%)	6.3 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	7.3 %	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%	
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808

Flammability

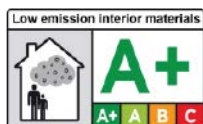
Hot metal nut test	Low radius of effects of ignition	BS 4790 & BS 5287
Russian GOST FR Test	Classification KM5	GOST 30244-94, GOST 30402-96 GOST 51032-97, GOST 12.1.044-89 (item 4.18), GOST 12.1.044-89 (item 4.20)

Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Forest green / printed Textron® backing	
Packaging	Green film / green print	
Thermal resistance	1.1 togs	BS 4745
Impact sound reduction (Delta Lw)	32 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