

## Underlay Technical Specification

Item Code: TAXD110013

Issue Date: 02/07/2021

Issue No. 7



### 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**

#### Outline Specification\*

Nominal thickness	8.25 mm (0.325")	ISO 1765
Nominal square weight	2543 g/m <sup>2</sup> (75 oz/yd <sup>2</sup> )	
Nominal density	308kg/m <sup>3</sup> (19.23bs/ft <sup>3</sup> )	
Nominal roll weight	38.32 kg (84.48lbs)	
Nominal roll area	15.07 m <sup>2</sup> (1.37m x 11.0m); 18.02yd <sup>2</sup> (53.94" x 433.07")	

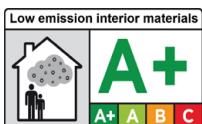
#### BS 5808: 1991 / EN14499 : 2015

End Use Classification	GD/U, General Domestic Use	
Mean original thickness from nominal thickness (max. 12%)	3.0 %	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> )	85 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	6.2 mm	BS 4098 & ISO 2094
Loss in thickness after dynamic loading (max 15%)	6.6 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	8.2 %	ISO 3415/3416 & BS 4939
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808

#### Test Performance to US Standards

CFD (Compression Force Deflection)	0.9 PSI @ 25% deflection.	ASTM D3676-13 Method: 601/12151
CFD (Compression Force Deflection)	3.6 PSI @ 50% deflection.	ASTM D3676-13 Method: 601/12151
CFD (Compression Force Deflection)	9.8 PSI @ 65% deflection.	ASTM D3676-13 Method: 601/12151
Recommended Use	Moderate Traffic Class I	US Carpet Cushion Council

#### 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

**THIS PRODUCT IS PRODUCED IN A FACILITY ACCREDITED TO ISO 9001, 14001 & 45001**

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### Flammability

Hot metal nut test	Low radius of effects of ignition	BS 4790 & BS 5287
US Methenamine Pill Test	Pass	Pill Test DOC-FF 1-70
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

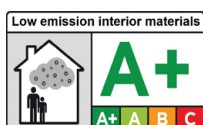
Odour	No objectionable odour	
Antimicrobial and mildew resistant	Pass	
R value (SI Unit)	0.15	
R Value (USA Unit)	0.85	
Colour / backing	Green / printed Textron® backing	
Packaging	White film / green print	
Thermal resistance	1.51 togs ‡	BS 4745
Impact sound reduction (Delta Lw)	35 dB ‡	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria Certified GLP051 Cat CC10 Rubber	US CRI Green Label Plus Programme

### GREEN CREDENTIALS

Green Features	Description	LEED Programme
Recyclable	At the end of the underlays useful life it can be 100% recycled	MR 2.0: Points Available It can be recycled
Recycled Content	Contains not less than 3% pre-consumer recycled material	MR 4.0: Points Available Recycled Content
Indoor Air Quality	Meets or exceeds the industry standard for indoor air quality as established by the CRI Green Label Plus Programme	IEQ 4.3: Points Available Product is Green Label Plus Certified
Regional Materials	Production Facility Haslingden BB4 4LS, UK Where used within 500 miles of Production Facility	MR 5.0: Points Available

LEED points must be considered along with other building components and must be determined by the specifier/architect or LEED accredited professional

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