

## Underlay Technical Specification

Item Code: TANEWSUP

Issue Date: 26/8/2016

Issue No. 10

### Sponge Rubber

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

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



#### Outline Specification

Nominal thickness <sup>†</sup>	8.75mm (0.34")
Nominal square weigh <sup>†</sup>	3424 g/m <sup>2</sup> (101 oz/yd <sup>2</sup> )
Nominal Density	391kg/m <sup>3</sup> (24.41bs/ft <sup>3</sup> )
Nominal roll weight <sup>†</sup>	37.5 kg (83 lbs)
Roll area <sup>*</sup>	10.96m <sup>2</sup> (1.37m x 8.0m); 13.11 yd <sup>2</sup> (53.94" x 314.96")
Colour / backing	Green / printed Textron <sup>®</sup> backing
Packaging	Green film / gold print

#### Test Performance to BS 5808: 1991

End Use Classification	L/U, Luxury Use	
Nominal thickness <sup>†</sup>	8.75mm (0.34")	BS 4051
Work of compression Minimum 50 J/m <sup>2</sup>	143 J/m <sup>2</sup>	BS 4908 & BS 4052
Retention of work of compression (min 40%)	88 %	BS 4908 & BS 4052
Loss in thickness after dynamic loading (max 15%)	3.7 %	BS 4052
Loss in thickness after static loading (max 15%)	3.3 %	BS 4939
Resistance to cracking (not greater than 50mm)	Pass	BS 5808

#### Test Performance to US Standards

CFD (Compression Force Deflection)	2.2 PSI @ 25% deflection. Method: 601/12151	ASTM D3676-13
CFD (Compression Force Deflection)	6.7 PSI @ 50% deflection. Method: 601/12151	ASTM D3676-13
CFD (Compression Force Deflection)	15.9 PSI @ 65% deflection. Method: 601/12151	ASTM D3676-13
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 still equate to the area quoted. This does not constitute a manufacturing specification. It details important performance and physical characteristics only.
- <sup>†</sup> ±5%
- <sup>‡</sup> Value derived from similar product test results

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### Flammability

Hot metal nut test	Low radius of ignition	BS 4790 & BS 5287
US Methenamine Pill Test	Pass	Pill Test DOC-FF 1-70
Russian GOST FR Test	Classification KM3	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 Properties and Test Performance

Odour	No objectionable odour	
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	US CRI Green Label Certified GLP051 Cat CC10 Rubber Plus Programme
Antimicrobial and mildew resistant	Yes	
Thermal resistance (European Units)	1.00 togs	BS 4745
R value (SI Unit)	0.08	
R Value (USA Unit)	0.45	
Impact sound reduction (Delta Lw)	39dB	BS EN ISO 10140-3:2010

### 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 Programme	IEQ 4.3: Points Available Product is Green Label Certified
Regional Materials	Production Facility Haslingden B4 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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