

Underlay Technical Specification

Item Code: TANEWSUP

Issue Date: 23/03/2020

Issue No. 10

Sponge Rubber

Suitable for the stretch-fit installation of carpets

End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): L/U, Luxury Use

Outline Specification*

Nominal thickness	8.75mm (0.34")	ISO 1765
Nominal square weigh ¹	3424 g/m ² (101 oz/yd ²)	
Nominal density	391kg/m ³ (24.41bs/ft ³)	
Nominal roll weight	37.5 kg (83 lbs)	
Nominal roll area	10.96m ² (1.37m x 8.0m); 13.11 yd ² (53.94" x 314.96")	

Test Performance to BS 5808: 1991

End Use Classification	L/U, Luxury Use	
Work of compression Minimum 50 J/m ²	143 J/m ²	BS 4908 & BS 4052 & ISO 2094
Retention of work of compression (min 40%)	88 %	BS 4908 & BS 4052 & ISO 2094
Loss in thickness after dynamic loading (max 15%)	3.7 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	3.3 %	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)	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 comply with the requirements of BS EN 14499:2015
- † 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 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 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	
Colour / backing	Green / printed Textron® backing	
Packaging	Green film / gold print	
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 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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