Underlay Technical Specification

Item Code: TAXD110013

Issue Date: 27/05/2021

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/m² (75 oz/yd²)	
Nominal density	308kg/m³ (19.23bs/ft³)	
Nominal roll weight	38.32 kg (84.48lbs)	
Nominal roll area	15.07 m² (1.37m x 11.0m); 18.02yd² (53.94" x 433.07")	

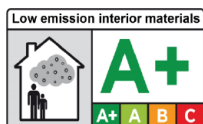### BS 5808: 1991 / EN14499 : 2015

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/m² Max. 200 J/m²)	85 J/m²	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

CRI GREEN LABEL +PLUS™ carpet-rug.org

CTP

Low emission interior materials
A+
A+ A B C

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

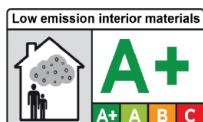|		
Hot metal nut test	Low radius of effects of ignition	BS 4790 & BS 5287
US Methenamine Pill Test	Pass	Pill Test DOC-FF 1-70
Russian GOST FR Test	Classification KM5	GOST 30244-94, GOST 30402-96 GOST 51032-97, GOST 12.1.044-89 (item 4.18), GOST 12.1.044-89 (item 4.20)

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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