

Underlay Technical Specification

Item Code: TASYSTEM10

Issue Date: 21/12/2021

Issue No. 9



Crumb Rubber

Suitable for the single -stick, double-stick and stretch-fit installation of carpets

Not suitable for single-stick applications in areas greater than 33m²

End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): HC/U, Heavy Contract Use

Standard Specifications*

Nominal square weight	4000 g/m ² (118 oz/yd ²)	
Nominal roll weight	43.84 kg	
Nominal roll area	10.96m ² (1.37m x 8.00m)	
Nominal thickness	9.20mm	ISO 1765

BS 5808: 1991 / EN14499 : 2015

End Use Classification	HC/U, Heavy Contract Use	
Mean original thickness from nominal thickness (max. 12%)	3.0 %	ISO 1765
Difference between max. & min. original thickness (max. 3mm)	0.4 mm	ISO 1765
Work of compression (Min. 50 J/m ² Max. 200 J/m ²)	98 J/m ²	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	100 %	BS 4098 & ISO 2094
Compression after dynamic loading	2.2 mm	BS 4098 & ISO 2094
Loss in thickness after dynamic loading (max 15%)	2.1 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	2.8 %	ISO 3415/3416 & BS 4939
Breaking strength (length/width) min. 30N	710N / 332N	EN ISO 13394 BS 2576
Extension under force (length/width) max. 15% @ 30N	1.0% / 0.5%	
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808

Flammability

Hot metal nut test (Tested in conjunction with Axminster 80:20 carpet)	Low radius of ignition	BS 4790 & BS 5287
Reaction to fire classification (Tested in conjunction with Axminster 80:20 carpet)	Cfl-s1	Tested to ENISO9239-1 & 11925-2, rated to EN13501-1

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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Issue No. 8



Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Black / black polypropylene backing with grey stripes	
Packaging	Grey film / black print	
Thermal resistance	1.55 togs	BS 4745
Impact sound reduction (Delta Lw)	31 dB	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	

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 65% post-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 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

Recycled Content

Post Consumer	65%
Pre Consumer	0%
Virgin	35%

Certification



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