

Underlay Technical Specification

Item Code: TATEX11013

Issue Date: 14/09/2016

Issue No. 7



Sponge Rubber

Suitable for underfloor heating

Suitable for the floating installation of laminate and solid timber floors

Standard Specifications

Nominal square weight †	2545 g/m ² (75 oz/yd ²)
Nominal roll weight†	38.3 kg
Roll area*	15.07m ² (1.37m x 11.00m)

BS 5808: 1991

Nominal thickness†	3.60 mm (0.14")	BS 4051
Mean original thickness from nominal thickness (Max.12%)	1.2 %	BS 4051
Difference between max. & min. original thicknesses (Max.3mm)	0.3 mm	BS 4051
Work of compression Minimum 50 J/m ²	57 J/m ²	BS 4098 & BS 4052
Retention of work of compression (min 40%)	79 %	BS 4098 & BS 4052
Compression after dynamic loading	2.2 mm	BS 4098 & BS 4052
Breaking strength (length/width) min. 40N	242N / 106N	BS 2576
Extension under force (length/width) max. 10% @ 40N	0.5% / 0.6%	BS 2576
Loss in thickness after dynamic loading (max 15%)	4.7 %	BS 4052
Loss in thickness after static loading (max 15%)	7.7 %	BS 4939

Flammability

Hot metal nut test (Not greater than 50mm)	Low radius of effects of ignition	BS 4790 & BS 5287
Anti Flammability	Grade Level 1	CNS7614
Reaction to fire classification	Cfl-s1	Tested to ENISO9239-1 & 11925-2, rated to EN13501-1

Electrical Resistivity

Vertical resistance, 25% RH	>10.0 x 10 12 ohms	BS 6654	Vertical resistance, 65% RH	>10.4 x 10 8 ohms	BS 6654
Horizontal resistance, 25% RH	>5.0 x 10 14 ohms/cm ²		Horizontal resistance, 65% RH	>2.7 x 10 8 ohms	
Vertical resistivity, 25% RH	>9.0 x 10 13 ohms/cm ²		Vertical resistivity, 65% RH	>5.2 x 10 10 ohms/cm ²	
Horizontal resistivity, 25% RH	>10.0 x 10 12 ohms		Horizontal resistivity, 65% RH	>2.4 x 10 9 ohms/cm ²	

Certification



Guarantee

Guaranteed for the serviceable lifetime of the flooring.

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.

† ±5%

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Barrier Properties

Moisture resistance (g/m ² /24hrs@38°C/90%RH)	Typical Value: 1.5	ASTM F1249
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Acoustic Sone wood/laminate flooring test

Drum sound emission (overall loudness) (Sone)	56	EPLF-Norm 021029-1
Impact sound reduction (Delta Lw)	23 dB	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997

Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Green / silver Vapourstop membrane	
Packaging	Clear, with printed insert	
Thermal resistance	0.55 togs	BS 4745
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria Certified GLP051 Cat CC2 PU	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 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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