

Underlay Technical Specification

Item Code: TATXL14668

Issue Date: 14/08/2024

Issue No. 9



Sponge Rubber

Suitable for the floating installation of laminate and solid timber floors

Suitable for underfloor heating. We do not recommend an underlay is used with an electric mat (or dry) underfloor heating system

Standard Specifications*

Nominal square weight	2545 g/m ² (75 oz/yd ²)	
Nominal density	707 kg/m ³	
Nominal roll weight	25.6 kg	
Nominal roll area	10.00m ² (0.685m x 14.60m)	
Nominal thickness	3.60 mm (0.14")	ISO 1765

BS 5808: 1991 / EN14499 : 2015

Mean original thickness from nominal thickness (Max.12%)	1.2 %	ISO 1765
Difference between max. & min. original thicknesses (Max.3mm)	0.3 mm	ISO 1765
Work of compression (Min. 50 J/m ² Max. 200 J/m ²)	57 J/m ²	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	79 %	BS 4098 & ISO 2094
Compression after dynamic loading	2.2 mm	BS 4098 & ISO 2094
Breaking strength (length/width) min. 30N	242N / 106N	EN ISO 13394 BS 2576
Extension under force (length/width) max. 15% @ 30N	0.5% / 0.6%	EN ISO 13394 BS 2576
Loss in thickness after dynamic loading (max 15%)	4.7 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	7.7 %	ISO 3415/3416 & 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 comply with the requirements of BS EN 14499:2015

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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
Impact Insulation Class (IIC)	54	ASTM E989-06

Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Green / silver printed 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 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 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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