

## Underlay Technical Specification

Item Code: TATXL14668

Issue Date: 04/03/2021

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 <sup>2</sup> (75 oz/yd <sup>2</sup> )	
Nominal density	707 kg/m <sup>3</sup>	
Nominal roll weight	25.6 kg	
Nominal roll area	10.00m <sup>2</sup> (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 <sup>2</sup> Max. 200 J/m <sup>2</sup> )	57 J/m <sup>2</sup>	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
Russian GOST FR Test	Classification KM5	

#### 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 <sup>2</sup>		Horizontal resistance, 65% RH	>2.7 x 10 8 ohms	
Vertical resistivity, 25% RH	>9.0 x 10 13 ohms/cm <sup>2</sup>		Vertical resistivity, 65% RH	>5.2 x 10 10 ohms/cm <sup>2</sup>	
Horizontal resistivity, 25% RH	>10.0 x 10 12 ohms		Horizontal resistivity, 65% RH	>2.4 x 10 9 ohms/cm <sup>2</sup>	

#### 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 <sup>2</sup> /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 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

**Certification**



**Guarantee**

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