

## Underlay Technical Specification

Item Code: TATXL14668

Issue Date: 14/09/2016

Issue No. 9



### 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 <sup>2</sup> (75 oz/yd <sup>2</sup> )
Nominal roll weight†	25.6 kg
Roll area*	10.00m <sup>2</sup> (0.685m x 14.60m)

#### 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 <sup>2</sup>	57 J/m <sup>2</sup>	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 <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.

\* 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%

## Underlay Technical Specification

Item Code: TATXL14668

Issue Date: 14/09/2016

Issue No. 9



### Barrier Properties

Moisture resistance (g/m <sup>2</sup> /24hrs@38°C/90%RH)	Typical Value: 1.5	ASTM F1249
--	--------------------	------------

### 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

### Certification



### Guarantee

Guaranteed for the serviceable lifetime of the flooring.

\* 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%