

TIMBERMATE EXCEL DIY

Underlay Technical Specification

Item Code: TATXL14668

Issue Date: 05/01/2021

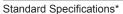
Issue No. 9

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



Nominal square weight	2545 g/m² (75 oz/yd²)	
Nominal roll weight	25.6 kg	
Nominal roll area	10.00m² (0.685m x 14.60m)	
Nominal thickness	3.60 mm (0.14")	ISO 1765



BS 5808	1001	/ EN14499	2015
DO 0000.	1991	LINIA	2010

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/m² Max. 200 J/m²)	57 J/m²	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 ignit	tion 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	



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Electrical Resistivity

Vertical resistance, 25% RH Horizontal resistance, 25% RH Vertical resistivity, 25% RH Horizontal resistivity, 25% RH

>10.0 x 10 12 ohms >5.0 x 10 14 ohms/cm² >9.0 x 10 13 ohms/cm² >10.0 x 10 12 ohms BS 6654

Vertical resistance, 65% RH Horizontal resistance, 65% RH Vertical resistivity, 65% RH Horizontal resistivity, 65% RH >10.4 x 10 8 ohms >2.7 x 10 8 ohms >5.2 x 10 10 ohms/cm² >2.4 x 10 9 ohms/cm² BS 6654





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/m²/24hrs@38°C/90%RH)	Typical \	/alue: 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: 199	8 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 US CRI Certified GLP051 Green Label Plus Cat CC10 Rubber 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





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