

Timbermate XL

3.60mm Underlay

High density resilient sponge rubber underlay for laminate and solid timber floors

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- Suitable for both domestic and contract applications
- For use under floating laminate, solid timber and engineered wooden floors
- Excellent moisture resistance when used in conjunction with Vapourtape or Vapourstop sealing strip
- Not suitable for installation over wood-block or parquet subfloors
- Guaranteed for the serviceable lifetime of the floor covering under which it is laid when used in the recommended locations

Standard Specifications

Nominal square weight	2545 g/m ² (75 oz/yd ²)	
Nominal density	707 kg/m ³	
Nominal roll weight	25.3 kg	
Nominal roll area	10 m ² (1.00 m x 10.00m)	
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. 30 @%15N	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 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

Barrier Properties

Moisture resistance (g/m24 ² hrs@°38C/%90RH)	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



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