

TECHNICAL SPECIFICATION

Timbermate Silentfloor Gold

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

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 floorcovering
 under which it is laid when used in the recommended locations
 Roll size: 1.37 m x 11.0 m

Specification	Result	Method
Nominal weight	2983 g/m ² (88 oz/yd ²)	
Nominal thickness	4.2mm	BS 4051
Mean original thickness from nominal thickness	2.5 %	
Difference between maximum & minimum original thicknesses	0.3 mm	
Tensile strength - length	900 kPa	EN ISO 1798: 2000
Tensile strength - width	750 kPa	
Elongation @ break - length	70 %	
Elongation @ break - width	55 %	
Compressive stress @ 25% strain	25 kPa	EN ISO 3386 Pt 2: 1998
Compressive stress @ 50% strain	190 kPa	
Barrier properties – moisture resistance (g/m ² /24hrs@38°C/90%RH)	Typical value: 1.5	ASTM F1249
Colour and appearance	Natural coloured sponge rubber with gold Vapourstop membrane	
French radiant panel test	Pass – M3	NFP92-506
Thermal resistance	0.33 togs	BS 4745
Weighted reduction in impact sound pressure level (ΔL_w)	24 dB	BSEN ISO 140-8: 1998 & BSEN ISO 717-2: 1997

Acoustic Properties: Sone wood/laminate flooring test	Result	Method
Drum sound classification (indicative)	S_{L30}	EPLF-Norm 021029-1
Drum sound emission = 53 Sone when tested with Uniclic 700 laminate flooring at the WKI Fraunhofer-Institut. Typical 2.5mm PE foam = 77 Sone.		

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Please note: This document does not constitute a manufacturing specification. It details important technical performance and physical characteristics of the product only. Please contact the Technical Department for any further information.