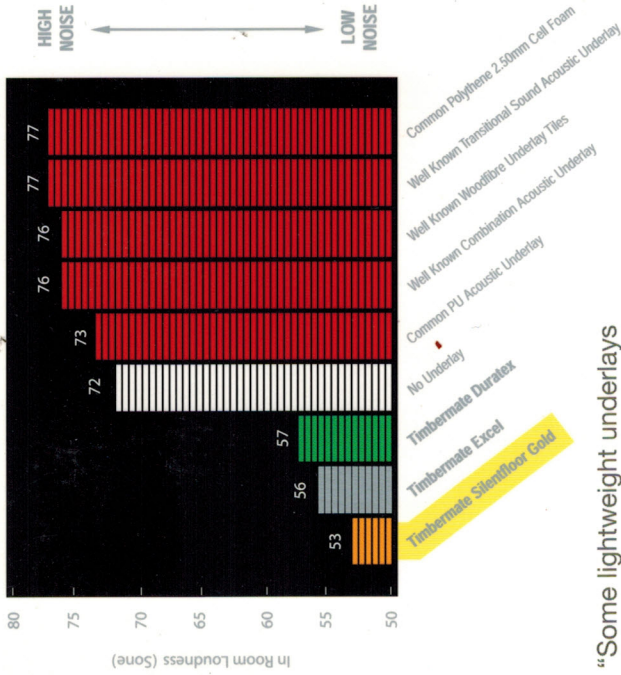


The graph below shows comparison between several laminate acoustic underlays, widely sold in the UK and all tested to the SONE standard. Tested under Unilin UniClic 700 Laminate, at the Fraunhofer Institute Holzforschung Germany to EPLF - Norm 021029-1



“Some lightweight underlays give even higher SONE ratings than no underlay at all.”



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TYPE	APPLICATION	ROLL SIZE	METHOD	RESULTS
High density, resilient sponge rubber underlay for wood & laminate floors, with a built in moisture resistant barrier and superior acoustic absorption properties compared to other underlay types.	Suitable for both domestic and contract applications under laminate, solid timber and engineered wooden floors*	11.00 m x 1.37 m (15.07 m ²)		
NOMINAL WEIGHT				2983 g/m ² (88 oz/yd ²)
NOMINAL THICKNESS			BS 4051	4.20 mm
MEAN ORIGINAL THICKNESS FROM NOMINAL THICKNESS			BS 4051	2.5 %
DIFFERENCE BETWEEN MAXIMUM & MINIMUM ORIGINAL THICKNESSES			BS 4051	0.3 mm
TENSILE STRENGTH - LENGTH			EN ISO 1798: 2000	900 kPa
TENSILE STRENGTH - WIDTH			EN ISO 1798: 2000	750 kPa
ELONGATION @ BREAK - LENGTH			EN ISO 1798: 2000	70%
ELONGATION @ BREAK - WIDTH			EN ISO 1798: 2000	55%
COMPRESSIVE STRESS @ 25% STRAIN			EN ISO 3386 Pt 2: 1998	25 kPa
COMPRESSIVE STRESS @ 50% STRAIN			EN ISO 3386 Pt 2: 1998	190 kPa
THERMAL RESISTANCE			BS 4745	0.33 togs
MOISTURE RESISTANCE (g/m ² /24hrs@33°C/90%RH)			ASTM F1249	Typical Value: 1.5
WEIGHTED IMPACT SOUND IMPROVEMENT INDEX (I _{LW})			Tested to ISO 140-8: 1998 rated to ISO 717-2: 1997	tbc
ACOUSTIC PROPERTIES (DRUM SOUND EMISSIONS)			EPLF-Norm 021029-1 Tested with Uniclic 700 laminate flooring at the WKI Fraunhofer-Institut, Braunschweig. Typical 2.5mm PE beam = 77 SONE.	S _{L30} (53 SONE)

Guaranteed for the serviceable lifetime of the floorcovering, when used in the recommended locations.
 Does not conduct electricity

*Not suitable for installation over wood-block or parquet sub-floors.