



TECHNICAL SPECIFICATION FOR ELKA QT 15m x 1m x 5mm

Elka QT was created to offer exceptional performance as an acoustic insulation under laminate and engineered floors. Elka QT is designed to meet the demanding requirements of all current building regulations. Due to the low thermal resistance - the product is ideal for use with under floor heating systems.

By utilizing high density P.E. Foam and High Quality facings this product has floor leveling abilities may also be used in solving conditions requiring damp resistance where the subfloors where moisture content level is borderline at 4%. **(As measured with a none destructive impedance meter such as the Tramex cme4)**

For applications where moisture level is above 4% the use of a suitable **liquid moisture barrier** is required.

TESTS	NORMS	VALUE	
Nominal Thickness	BS4051	5mm	
Tolerances	Thickness	+ or - 2%	
	Width and length	+ or - 3%	
Nominal Weight		333.33 g/m ²	
Apparent Density	DIN 53420 - kg/m ³	65	
Tensile Strength	DIN 53571 - N/mm ²	Along	0.85
		Across	0.56
Elongation	DIN 53571 - %	Along	170
		Across	90
Compressive Stress	DIN 53577 - N/mm ²	10%	0.07
		20%	0.06
		30%	0.08
		50%	0.45
		70%	0.88
Compression Set	DIN 53572 - % - N/mm ² 22h / 20 C / 50%	24hrs	32
		3 days	11
		7 days	10
		14 days	8.4
Lamda Value	DIN 52612 - W/mk	10%	0.039
Weighted Impact			
Sound Reduction	BSEN ISO 1408	22dB	
Water Absorption	DIN 53428 - Vol %	1hr	0.8
		24hrs	1.18
		28 days	<4
Self Extinguished	UL 94 HF	Class 1	

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