

# ELKA COMFORT

## **TECHNICAL SPECIFICATION** **ELKA COMFORT 15m x 1m x 5mm**

Elka Comfort offers exceptional performance as an acoustic insulation under laminate & engineered wood floors. Elka Comfort is a high performance product with an integral gold foil vapour barrier with a 200mm joint overlap. Elka Comfort is produced from closed cell Polyethylene Foam which is CFC and HCFC free and 100% recyclable. Due to the low thermal resistance of the products they are ideal for use with underfloor heating systems.

<b>TESTS</b>	<b>NORMS</b>	<b>VALUE</b>	
Nominal Thickness	BS4051	5mm	
Tolerances	Thickness	+ or - 2%	
	Width and length	+ or - 3%	
Nominal Weight		333.33 g/m <sup>2</sup>	
Apparent Density	DIN 53420 - kg/m <sup>3</sup>	30	
Tensile Strength	DIN 53571 - N/mm <sup>2</sup>	Along	0.85
		Across	0.56
Elongation	DIN 53571 - %	Along	170
		Across	90
Compressive Stress	DIN 53577 - N/mm <sup>2</sup>	10%	0.07
		20%	0.06
		30%	0.08
		50%	0.45
		70%	0.88
Compression Set	DIN 53572 - % - N/mm <sup>2</sup> 22h / 20 C / 50%	24hrs	32
		3 days	11
		7 days	10
		14 days	8.4
Lambda Value	DIN 52612 - W/mk 10%	.052	
R Value	m <sup>2</sup> K/W	0.070	
TOG		0.70	
Sound Reduction	BSEN ISO 1408	20dB	
Water Absorption	DIN 53428 - Vol %	1hr	0.80
		24hrs	1.18
		28 days	<4
Self Extinguished	UL 94 HF	Class 1	