



TECHNICAL SPECIFICATION
ELKADUOLAY

Elkaduolay offers an economic solution for insulating laminate floors with an integrated 15mu vapour check layer. Elkaduolay is produced from closed cell Polyethylene Foam which is CFC and HCFC free and 100% recyclable. The product is available in various sizes to suit most applications. Minor floor imperfections may be accommodated by using these materials. The product has very effective acoustic qualities.

<u>TESTS</u>	<u>NORMS</u>	<u>VALUE</u>		
Nominal Thickness	BS4051	3mm		
Tolerances	Thickness	+ or - 2%		
	Width and length	+ or - 3%		
Nominal Weight		90 g/m ²		
Apparent Density	DIN 53420 - kg/m ³	22 - 25		
Tensile Strength	DIN 53571 - N/mm ²	Along	0.41	
		Across	0.29	
Elongation	DIN 53571 - %	Along	140	
		Across	90	
Compressive Stress	DIN 53577 - N/mm ²	10%	0.03	
		20%	0.04	
		30%	0.05	
		50%	0.15	
		70%	0.38	
Compression Set	DIN 53572 - % - N/mm ²	24hrs	34	
		22h / 20 C / 50%	3 days	9
			7 days	8.1
			14 days	6
Lamda Value	DIN 52612 - W/mk 10%	.046		
Water Absorption	DIN 53428 - Vol %	1hr	1.00	
		24hrs	1.40	
		28 days	<4	
Self Extinguished	UL 94 HF	Class 1		
Weight impacted				
Sound Reduction	BSEN ISO 1408	17dB		