

Breathe

PROPERTIES	TECHNICAL DATA		TEST METHOD
	VALUE		
	8mm	10mm	
Thickness	8mm ±0.5mm	10mm ±0.5mm	
Roll Size	1.1m x 13.7m = 15.07m ²		
Roll Weight	15.7kg ±5%	15.1kg ±5%	
Density	135 kg/m ³	100kg/m ³	
Description	Natural wood fibre underlay for carpet		
Classification	L/U Luxury Use		BS5808: 1991 (2011)
Thermal Resistance	1.3 tog	2.8 tog	BS 4745: 2005
Flammability (hot metal nut test)	Pass - low radius of effect	Pass - low radius of effect	BS 4790:1987 (2009)
Impact Sound Reduction	31dB	TBC	BS EN ISO 717-2:2013 BS EN ISO 10140-3:2010
Loss in thickness (%) after static loading	38% (62% retained)	43% (57% retained)	BS 4939:1987 (2003)
Loss in thickness (%) after dynamic loading	32% (68% retained)	28% (72% retained)	BS 4052:1987
Mean Work of Compression before Dynamic Loading	150 J/sqm	150 J/sqm	
Mean Work of Compression after Dynamic Loading	83 J/sqm	83 J/sqm	BS 4098:1975 (2003)
Retention of original Work of Compression	55.5%	55.5%	
Compression after Dynamic Loading	3.3mm	3.3mm	
Breaking Strength (N)	211.4 N	147.7 N	
Elongation at 40N	2.30%	1.21%	BS2576:1986
Elongation at break (%)	5.20%	9.18%	
Dust filtration efficiency		96%	BS ISO 5011:2014 BS EN 779:2012
Water Vapour Diffusion Resistance Factor		3	3
Formaldehyde Content		0	0 DIN EN ISO 16000-9
VOC's		0	0
Objectionable Odours		None	

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sales: 01793 847 444
 email: info@ecomerchant.co.uk
 web: www.ecomerchant.co.uk