

TECHNICAL SPECIFICATION

High Performance, Environmentally Friendly, Magnetically Receptive Acoustic Rubber Underlay

Domestic and commercial use

Manufactured using recycled rubber crumb and metalised resin coating

Roll Size: 2.5mm - 1.0m x 5.0m (5.0m² / roll) / 3ft 3" x 16ft 5" (53.8ft² / roll)

Specification	BS Requirements	Results	Test Method
Nominal Weight Nominal Roll Weight		2 kg/m ² / 0.4 lb/ft ² 10 kg / 22 lb	
Colour and Appearance Compound Bonding Agent		Black rubber crumb on a non-woven polypropylene backing Recycled tyre tread (minimum 80%) Synthetic Latex	
Magnetic Receptive Coating		Metalised resin coating with adhesive tack	
Loss in Thickness a) Static loading: recovery period 1hr b) Static loading: recovery period 24hrs c) Dynamic loading: after 1000 impacts	 Maximum 15% Maximum 15%	 4.20% 3.60% 8.00%	 BS EN 14499:2015 BS EN 14499:2015 BS EN 14499:2015
Nominal Thickness Thickness Deviation a) Mean original thickness from the nominal thickness b) Difference between maximum and minimum original thickness	 Maximum 12% Maximum 3mm	 2.5mm 0.00% 0.3mm	 BS EN 14499:2015 BS EN 14499:2015
Compression after Dynamic Loading Work of Compression after Dynamic Loading Retention of Original Work of Compression		 0.5mm 19J/m ² 97.2%	 BS EN 14499:2015 BS EN 14499:2015 BS EN 14499:2015

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Resistance to Breaking or Cracking	No cracks longer than 50mm	No cracks visible	BS EN 14499:2015
Odour		No objectionable odour	
Permeability to Water Vapour			
Water Vapour Transmission Rate (WVTR) / g/m ² .day		0.09 / g/m ² .day	EN ISO 15106
Vapour Resistance /MNs/g		2887 /MNs/g	EN ISO 15106
Acoustic Performance			
Measured Improvement of Impact Sound (ΔL_w)		17dB ΔL_w *	BS EN ISO 10140-3: 2010 & BS EN ISO 717-2: 2013
Impact Insulation Class (IIC)		IIC 50 **	ASTM – E492-09, E989-06 & E2179-03

Please Note:

- For further information on the guarantee and product warranty, please refer to the Ezy-Install guarantee document which is available on request.
- * Tested on 160mm / 6" concrete floor with no floor covering or ceiling system.
- ** Ezy-Install with LVT (2.5mm) tested on 160mm / 6" concrete floor with no drop ceiling.

Product Codes: Ezy-Install	Version: 02	Version Date: November 25, 2020	Page 2 of 2
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