

## InstaLay 65 (Plain Product)

### TECHNICAL SPECIFICATION

#### High Performance, Environmentally Friendly, Rubber Crumb Underlays

Suitable for stretch-fit, single-stick, double-stick installation methods and also under-screed applications

Rating: HC/U – Heavy Contract Use, suitable for heavy foot and wheel traffic and castor chairs

Manufactured using recycled rubber crumb

Guaranteed for 10 Years

Roll Size: 1.372m x 10.92m (15.0m<sup>2</sup> / roll)

Specification	BS Requirements	Result	Test Method
Nominal Weight Density Nominal Roll Weight		2.2 kg/m <sup>2</sup> 370 kg/m <sup>3</sup> 33 kg	
Colour and Appearance  Compound  Bonding Agent		Black rubber crumb on a fibreglass backing.  Recycled tyre tread (minimum 80%)  Synthetic Laytex	
Breaking Strength and Elongation  Breaking Strength – Direction 1 Breaking Strength - Direction 2  Elongation – Direction 1 Elongation – Direction 2  Elongation at Break – Direction 1 Elongation at Break – Direction 2	Minimum 40N   10% Maximum extension for applied force of 40N	240.3N 328.2N  1.093% 1.907%  3.248% 5.250%	BS 5808   BS 5808  BS 5808
Loss in Thickness a) Static loading: recovery period 24hrs  b) Dynamic loading: after 1000 impacts	Maximum 15%  Maximum 15%	1.6%  3.2%	BS 4939  BS 4052
Nominal Thickness  Thickness Deviation a) Mean original thickness from the nominal thickness  b) Difference between maximum and minimum original thickness	Maximum 12%  Maximum 3mm	6.0mm  0.02%  0.4mm	BS 4051  BS 4051
Compression after Dynamic Loading	Minimum 2mm, Maximum 7mm	2.2mm	BS 4098
Work of Compression after Dynamic	Minimum 50J/m <sup>2</sup> ,	73J/m <sup>2</sup>	BS 4098
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Loading	Maximum 200J/m <sup>2</sup>		
Retention of Original Work of Compression	Minimum 40%	102.8%	BS 4098
Resistance to Breaking or Cracking	No cracks longer than 50mm	No cracks visible	BS 5808
Odour		No objectionable odour	
Thermal Resistance (R)		1.01 Togs	BS 4745
Acoustic Performance			
Measured Improvement of Impact Sound ( $\Delta L_w$ )		25dB $\Delta L_w$	BS EN ISO 140-8: 1998 & BS EN ISO 717-2: 1997
Reaction to Fire		Class E <sub>fl</sub>	BS EN ISO 11925-2:2002

#### Please Note:

- InstaLay Self-Adhesive products must not be installed at temperatures below 10°C.
- For further information on the guarantee and product warranty, please refer to the InstaLay guarantee document which is available from the [www.instaflor.co.uk](http://www.instaflor.co.uk) website.

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