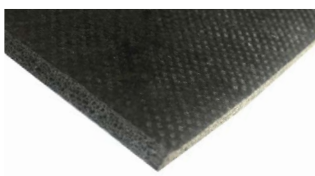


Technical Specification

Item Code: TADECIBEL1

Issue Date: 03/03/2021

Issue No. 3



Sponge Rubber

Designed to be used as an integrated part of a Soundseal floor construction to create a high-performance insulator that reduces impact and airborne sound levels.

Standard Specifications*

Nominal square weight	2305 g/m ² (68 oz/yd ²)	
Nominal density	768 kg/m ³	
Nominal roll weight	34.73 kg	
Nominal roll area	15.07m ² (1.37m x 11.0m)	
Nominal thickness	3.00 mm	ISO 1765

BS 5808: 1991 / EN14499 : 2015

Mean original thickness from nominal thickness (Max.12%)	10.7 %	ISO 1765
Difference between max. & min. original thicknesses (Max.3mm)	0.44 mm	ISO 1765
Work of compression (Min. 50 J/m ² Max. 200 J/m ²)	92.6 J/m ²	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	80.4 %	BS 4098 & ISO 2094
Compression after Dynamic loading	2.0% mm	BS 4098 & ISO 2094
Breaking strength (length/width) min. 30N	237N / 156N	EN ISO 13394 BS 2576
Extension under force (length/width) max. 15%@ 30N	1.5% / 0.6%	
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808

Flammability

Hot metal nut test (tested in Interfloor laboratory)	Low radius of effects of ignition	BS 4790 & BS 5287
Reaction to Fire Test	Bfl-s1	EN ISO 9239-1

Acoustic Properties

Impact sound reduction (Delta Lw)	up to 23 dB	SS-EN ISO 10140-3:2010 & ISO 16283
		Minimum 35mm of Screed: With an approximately 1 dB improvement for every 5-10mm of additional screed.

Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Black / nonwoven backing	
Packaging	Yellow film / green print	
Thermal resistance	0.38 togs	BS 4745
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	

Responsibly Made

Decibel 1 underlay is free from asbestos, formaldehyde, halogens and heavy metals. It complies with the French afsset A+guidelines on VOCs.

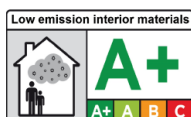
Notes

- * The nominal roll dimensions have been quoted. These may vary slightly but will comply with the requirements of BS EN 14499:2015
- † Value derived from similar product test results

Certification



Reg. N°: S-P-02164
www.environdec.com



Guarantee

Guaranteed for the serviceable lifetime of the installation when used in accordance with the manufacturer's instructions.



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GREEN CREDENTIALS

Green Features	Description	LEED Programme
Recyclable	At the end of the underlays useful life it can be 100% recycled	MR 2.0: Points Available It can be recycled
Recycled Content	Contains not less than 3% pre-consumer recycled material	MR 4.0: Points Available Recycled Content
Indoor Air Quality	Meets or exceeds the industry standard for indoor air quality as established by the CRI Green Label Programme	IEQ 4.3: Points Available Product is Green Label Certified
Regional Materials	Production Facility Haslingden BB4 4LS, UK Where used within 500 miles of Production Facility	MR 5.0: Points Available
EPD verified	Environmental product declaration demonstrates an impact reduction compared to an industry average	MR 2.0: Points available

LEED points must be considered along with other building components and must be determined by the specifier/architect or LEED accredited professional

Recycled Content

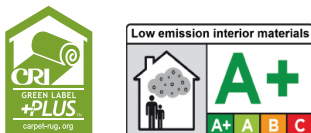
Post Consumer	0%
Pre Consumer	3%
Virgin	97%



Certification



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Notes

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