

Technical Specification

Item Code: TADECIBEL4

Issue Date: 23/10/2020

Issue No. 2



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	4068 g/m ² (120 oz/yd ²)	
Nominal roll weight	44.5 kg	
Nominal roll area	10.96m ² (1.33m x 8.24m)	
Nominal thickness	11.40mm	ISO 1765

BS 5808: 1991

Work of compression (Min. 50 J/m ² Max. 200 J/m ²)	180 J/m ²	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	67 %	BS 4098 & ISO 2094
Compression after Dynamic loading	6.8 mm	BS 4098 & ISO 2094
Loss in thickness after Dynamic loading (max 15%)	6.8 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	7.16 %	ISO 3415/3416 & BS 4939
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 Improvement	up to 36 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.
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Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Red / nonwoven backing	
Packaging	Yellow film / red print	
Thermal resistance	1.65 togs	BS 4745
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	

Responsibly Made

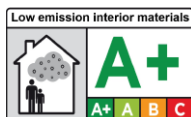
Decibel 4 underlay is free from asbestos, formaldehyde, halogens and heavy metals.

It complies with the French afsset A+guidelines on VOCs.

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.

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

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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

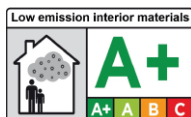
Post Consumer	0%
Pre Consumer	3%
Virgin	97%



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