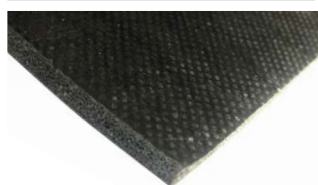


Technical Specification

Item Code: TADECIBEL2

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	3017 g/m ² (89 oz/yd ²)	
Nominal roll weight	45.46 kg	
Nominal roll area	15.07m ² (1.37m x 11.0m)	
Nominal thickness	5.30 mm	ISO 1765

BS 5808: 1991 / EN14499 : 2015

End Use Classification	HC/U, Heavy Contract Use	
Mean original thickness from nominal thickness (Max.12%)	4.0 %	ISO 1765
Difference between max. & min. original thicknesses (Max.3mm)	0.3 mm	ISO 1765
Work of compression (Min. 50 J/m ² Max. 200 J/m ²)	97 J/m ²	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	82 %	BS 4098 & ISO 2094
Compression after Dynamic loading	2.8% mm	BS 4098 & ISO 2094
Loss in thickness after static loading (max 15%)	14.12 %	ISO 3415/3416 & BS 4939
Breaking strength (length/width) min. 30N	282N / 162N	EN ISO 13394 BS 2576
Extension under force (length/width) max. 15%@ 30N	0.8% / 0.5%	
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

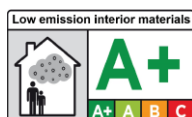
Acoustic Properties

Impact sound reduction (Delta Lw)	up to 25 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.

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.

Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Gold / nonwoven backing	
Packaging	Yellow film / blue print	
Thermal resistance	0.6 togs	BS 4745
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	

Responsibly Made

Decibel 2 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

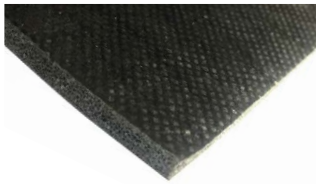
‡ Value derived from similar product test results

Technical Specification

Item Code: TADECIBEL2

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Issue No. 2



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

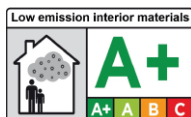
Post Consumer	0%
Pre Consumer	3%
Virgin	97%



Certification



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Guarantee

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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