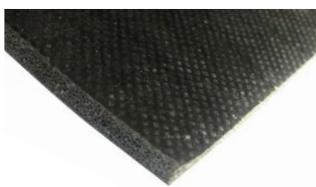


Technical Specification

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 |

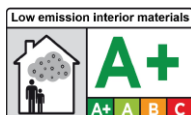
Acoustic Properties

| | | |
|-----------------------------------|-------------|---|
| 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

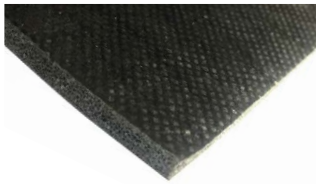
† Value derived from similar product test results

Technical Specification

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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

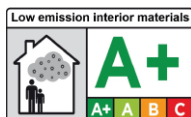
| | |
|---------------|-----|
| Post Consumer | 0% |
| Pre Consumer | 3% |
| Virgin | 97% |



Certification



Reg. N°: S-P-02164
www.environdec.com



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