

Technical Specification

Item Code: TADECIBEL3

Issue Date: 23/10/2020

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 | 4233 g/m ² (124 oz/yd ²) | |
| Nominal roll weight | 46.40 kg | |
| Nominal roll area | 10.96 m ² (1.37m x 8.00m) | |
| Nominal thickness | 10.00 mm | ISO 1765 |

BS 5808: 1991

| | | |
|---|----------------------|-------------------------|
| Work of compression (Min. 50 J/m ² Max. 200 J/m ²) | 131 J/m ² | BS 4098 & ISO 2094 |
| Retention of work of compression (min 40%) | 75 % | BS 4098 & ISO 2094 |
| Compression after Dynamic loading | 6.0 mm | BS 4098 & ISO 2094 |
| Loss in thickness after Dynamic loading (max 15%) | 4.2 % | BS 4052 & ISO 2094 |
| Loss in thickness after static loading (max 15%) | 13.61 % | 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 29 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 | Red / nonwoven backing | |
| Packaging | Yellow film / black print | |
| Thermal resistance | 1.2 togs | BS 4745 |
| Emissions (US Carpet & Rug Institute) | Meets low VOC emission criteria | |

Responsibly Made

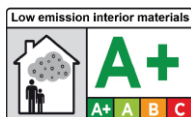
Decibel 3 underlay is free from asbestos, formaldehyde, halogens and heavy metals.

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

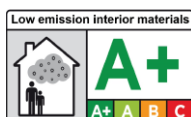
| | |
|---------------|-----|
| Post Consumer | 0% |
| Pre Consumer | 3% |
| Virgin | 97% |



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