

Underlay Technical Specification

Item Code: TAPOWER3

Issue Date: 02/07/2021

Issue No. 13



Sponge Rubber

Suitable for the stretch-fit installation of carpets

End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): L/U, Luxury Use

Outline Specification*

| | | |
|------------------------|--|----------|
| Nominal thickness | 8.60 mm (0.339") | ISO 1765 |
| End Use Classification | L/U, Luxury Use | |
| Nominal density | 378kg/m ³ (23.60bs/ft ³) | |
| Nominal square weight | 3254 g/m ² (96 oz/yd ²) | |
| Nominal roll weight | 35.7 kg (78.71lbs) | |
| Nominal roll area | 10.96 m ² (1.33m x 8.24m); 13.11 yd ² (53.94" x 314.96") | |

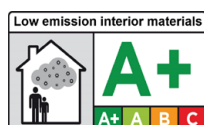
BS 5808: 1991 / EN14499 : 2015

| | | |
|---|----------------------|-------------------------|
| End Use Classification | L/U, Luxury Use | |
| Work of compression (Min. 50 J/m ² Max. 200 J/m ²) | 140 J/m ² | BS 4098 & ISO 2094 |
| Retention of work of compression (min 40%) | 80 % | BS 4098 & ISO 2094 |
| Compression after dynamic loading | 5.2 mm | BS 4098 & ISO 2094 |
| Loss in thickness after dynamic loading (max 15%) | 4.3 % | BS 4052 & ISO 2094 |
| Loss in thickness after static loading (max 15%) | 4.8 % | ISO 3415/3416 & BS 4939 |
| Resistance to cracking (not greater than 50mm) | Pass | EN 14499 & BS 5808 |

Test Performance to US Standards

| | | |
|------------------------------------|---------------------------|------------------------------------|
| CFD (Compression Force Deflection) | 1.6 PSI @ 25% deflection. | ASTM D3676-13 Method: 601/12151 |
| CFD (Compression Force Deflection) | 3.4 PSI @ 50% deflection. | ASTM D3676-13 Method: 601/12151 |
| CFD (Compression Force Deflection) | 5.6 PSI @ 65% deflection. | ASTM D3676-13 Method: 601/12151 |
| Recommended Use | Heavy Traffic Class II | US Carpet Cushion Council |

Certification



Guarantee

Guaranteed for the serviceable lifetime of the carpet when used in accordance with the End Use Classification.

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

THIS PRODUCT IS PRODUCED IN A FACILITY ACCREDITED TO ISO 9001, 14001 & 45001

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Flammability

| | | |
|-------------------------------|-----------------------------------|---|
| Hot metal nut test | Low radius of effects of ignition | BS 4790 & BS 5287 |
| US Methenamine Pill Test | Pass | Pill Test DOC-FF 1-70 |
| US Smoke Chamber Test | Pass | ASTM E662 |
| US Critical radiant flux NFPA | Class I | NFPA 253 / ASTM E648-03 |
| Russian GOST FR Test | Classification KM5 | GOST 30244-94, GOST 30402-96 GOST 51032-97, GOST 12.1.044-89 (item 4.18) GOST 12.1.044-89 (item 4.20) |

Other Specifications

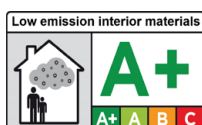
| | | |
|---------------------------------------|---|---|
| Odour | No objectionable odour | |
| Antimicrobial and mildew resistant | Yes | |
| R value (SI Unit) | 0.11 | |
| R Value (USA Unit) | 0.0.62 | |
| Colour / backing | Gold / printed Textron® backing | |
| Packaging | Clear, with printed insert | |
| Thermal resistance | 1.1 togs | BS 4745 |
| Impact sound reduction (Delta Lw) | 37 dB | BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997 |
| Emissions (US Carpet & Rug Institute) | Meets low VOC emission criteria Certified GLP051 Cat CC10 Ruber | US CRI Green Label Plus Programme |

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 Plus Programme | IEQ 4.3: Points Available Product is Green Label Plus Certified |
| Regional Materials | Production Facility Haslingden BB4 4LS, UK Where used within 500 miles of Production Facility | MR 5.0: Points Available |

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

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