

Underlay Technical Specification

Item Code: TANEWSUP

Issue Date: 27/05/2021

Issue No. 10

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 | 8.75mm (0.34") | ISO 1765 |
| Nominal square weigh [†] | 3424 g/m ² (101 oz/yd ²) | |
| Nominal density | 391kg/m ³ (24.41bs/ft ³) | |
| Nominal roll weight | 37.5 kg (83 lbs) | |
| Nominal roll area | 10.96m ² (1.37m x 8.0m); 13.11 yd ² (53.94" x 314.96") | |

Test Performance to BS 5808: 1991

| | | |
|---|----------------------|------------------------------|
| End Use Classification | L/U, Luxury Use | |
| Work of compression Minimum 50 J/m ² | 143 J/m ² | BS 4908 & BS 4052 & ISO 2094 |
| Retention of work of compression (min 40%) | 88 % | BS 4908 & BS 4052 & ISO 2094 |
| Loss in thickness after dynamic loading (max 15%) | 3.7 % | BS 4052 & ISO 2094 |
| Loss in thickness after static loading (max 15%) | 3.3 % | 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) | 2.2 PSI @ 25% deflection. Method: 601/12151 | ASTM D3676-13 |
| CFD (Compression Force Deflection) | 6.7 PSI @ 50% deflection. Method: 601/12151 | ASTM D3676-13 |
| CFD (Compression Force Deflection) | 15.9 PSI @ 65% deflection. Method: 601/12151 | ASTM D3676-13 |
| Recommended Use | Moderate Traffic Class I | 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 ignition | BS 4790 & BS 5287 |
| US Methenamine Pill Test | Pass | Pill Test DOC-FF 1-70 |
| 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 Properties and Test Performance

| | |
|---------------------------------------|--|
| Odour | No objectionable odour |
| Emissions (US Carpet & Rug Institute) | Meets low VOC emission criteria US CRI Green Label Certified GLP051 Cat CC10 Rubber Plus Programme |
| Antimicrobial and mildew resistant | Yes |
| Colour / backing | Green / printed Textron® backing |
| Packaging | Green film / gold print |
| Thermal resistance (European Units) | 1.00 togs BS 4745 |
| R value (SI Unit) | 0.08 |
| R Value (USA Unit) | 0.45 |
| Impact sound reduction (Delta Lw) | 39dB BS EN ISO 10140-3:2010 |

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 |

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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