

Underlay Technical Specification

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Issue No. 14

Sponge Rubber Textured Flat

Suitable for underfloor heating

Suitable for the stretch-fit installation of carpets

End Use Classification (BS 5808: 1991): HC/U, Heavy Contract Use



Standard Specifications

| | |
|-------------------------|--|
| Nominal square weight † | 3017 g/m ² (89 oz/yd ²) |
| Nominal roll weight† | 45.5 kg (100 lbs) |
| Roll area* | 15.07m ² (1.33m x 11.33m) |

BS 5808: 1991

| | | |
|---|--------------------------|-------------------|
| End Use Classification | HC/U, Heavy Contract Use | |
| Nominal thickness† | 6.10mm | BS 4051 |
| Work of compression Minimum 50 J/m ² | 140 J/m ² | BS 4908 & BS 4052 |
| Retention of work of compression (min 40%) | 85 % | BS 4908 & BS 4052 |
| Loss in thickness after dynamic loading (max 15%) | 3.5 % | BS 4052 |
| Loss in thickness after static loading (max 15%) | 4.5 % | BS 3939 |
| Breaking strength (length/width) min. 40N | 182N / 126N | BS 2576 |
| Extension under force (length/width) max. 10% @ 40N | 2.2% / 1.0% | BS 2576 |
| Resistance to cracking (not greater than 50mm) | Pass | BS 5808 |

Flammability

| | | |
|---|--------------------|---|
| Hot metal nut test (tested in Interfloor laboratory) | Pass | BS 4790 & BS 5287 |
| Flammability (Methenamine tablet) | Pass | BS 6307 |
| Critical radiant flux | NFPA Class I | NFPA 253 / ASTM E648-03 |
| Reaction to fire classification (Tested in conjunction with Brintons Axminster 1028 carpet) | Cfl-s1 | Tested to ENISO9239-1 & 11925-2, rated to EN13501-1 |
| China National FR Test (at China National Test Centre) | Bf1 – s1,t1 | GB/T8628-2007, GB/T11785-2005, GB/T20285-2006 |
| Russian GOST FR Test | Classification KM3 | 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 | |
| Colour / backing | Green / printed Textron® backing | |
| Packaging | White film / purple print | |
| Thermal resistance | 0.80 togs | BS 4745 |
| Impact sound reduction (Delta Lw) | 30dB ‡ | BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997 |
| Emissions (US Carpet & Rug Institute) | Meets low VOC emission criteria | |

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 still equate to the area quoted. This does not constitute a manufacturing specification. It details important performance and physical characteristics only.

† ±5%

‡ Value derived from similar product test results