



TECHNICAL SPECIFICATION

Supreme

Quality cellular sponge rubber carpet underlay

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

Increased impact sound and heat insulation

Guaranteed for 15 years or the serviceable lifetime of the carpet when used in the recommended locations

Roll size: 10.96 sq.m of 1.37 m x 8.0 m

| Specification | BS Requirements | Result | Method |
|--|--|---|---|
| Nominal square weight | | 3050 g/m ² (90 oz/sq yd) | |
| Nominal thickness | | 9.15 mm | BS 4051 |
| Mean original thickness from nominal thickness | Maximum 12% | 4.0 % | |
| Difference between max. & min. original thicknesses | Maximum 3mm | 0.4 mm | |
| Work of compression | Minimum 50 J/m ² after dynamic loading for 1000 impacts | 128 J/m ² | BS 4098 & BS 4052 |
| Compression after dynamic loading | Minimum 2mm, maximum 7mm after 1000 impacts | 4.7 mm | |
| Retention of work of compression | Minimum 40% of original after 1000 impacts | 82 % | |
| Breaking strength - length | Minimum 40N | 182 N | BS 2576 |
| Breaking strength - width | | 126 N | |
| Extension under force - length | Maximum 10% @ 40N | 2.2 % | |
| Extension under force - width | | 1.0 % | |
| Loss in thickness after dynamic loading | Maximum 15% after 1000 impacts | 4.2 % | BS 4052 |
| Loss in thickness after static loading | Maximum 15% after 24hrs loading & recovery | 3.0 % | BS 4939 |
| Resistance to cracking | Not greater than 50mm | Pass | BS 5808 |
| Odour | | No objectionable odour | |
| Colour and appearance | | Red sponge rubber waffle with brown Textron paper backing | |
| Thermal Properties | | | |
| Thermal resistance | | 1.27 togs | BS 4745 |
| Acoustic Properties | | | |
| Weighted reduction in impact sound pressure level (Delta Lw) | | 32 dB | BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997 |

Please note: This document does not constitute a manufacturing specification. It details important technical performance and physical characteristics of the product only. Please contact the Technical Department for any further information.

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