

High density resilient sponge rubber underlay for laminate and solid timber floors

Suitable for both domestic and contract applications
 For use under floating laminate, solid timber and engineered wooden floors
 Excellent moisture resistance when used in conjunction with Vapourtape or Vapourstop sealing strip
 Not suitable for installation over wood-block or parquet subfloors
 Guaranteed for the serviceable lifetime of the floorcovering under which it is laid when used in the recommended locations
 Roll size: 1.37 m x 11.0 m

| 100 Specification | BS Requirements | Result | Method |
|---|--|---|-------------------|
| Nominal weight Nominal Roll Weight | | 2545 g/m ² (75 oz/sq yd) 85 lbs | |
| Thickness | | 3.00 mm | BS 4051 |
| Mean original thickness from nominal thickness | Maximum 12% | 1.2 % | |
| Difference between max. & min. original thicknesses | Maximum 3 mm | 0.3 mm | |
| Work of compression | Minimum 50 J/m ² after dynamic loading for 1000 impacts | 57 J/m ² | BS 4098 & BS 4052 |
| Compression after dynamic loading | Minimum 2 mm, maximum 7 mm after dynamic loading | 2.2 mm | |
| Retention of work of compression | Minimum 40% of original after 1000 impacts | 79 % | |
| Breaking strength - length | Minimum 40N | 242 N | BS 2576 |
| Breaking strength - width | | 106 N | |
| Extension under force - length | Maximum 10% @ 40N | 0.5 % | |
| Extension under force - width | | 0.6 % | |
| Loss in thickness after dynamic loading | Maximum 15% after 1000 impacts | 4.7 % | BS 4052 |
| Loss in thickness after static loading | Maximum 15% after 24 hrs recovery | 7.7 % | BS 4939 |
| Resistance to cracking | Not greater than 50 mm | Pass | BS 5808 |
| Odour | | No objectionable odour | |
| Colour and appearance | | Green sponge rubber sheet with silver Vapourstop membrane | |

| Acoustic Properties: Sone wood/laminate flooring test | Result | Method |
|--|------------------------|--------------------|
| Drum sound classification (indicative) | S_{L30} | EPLF-Norm 021029-1 |
| Drum sound emission = 56 Sone when tested with Uniclic 700 laminate flooring at the WKI Fraunhofer-Institut. | | |

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Intefloor Limited, Broadway, Haslingden, Rossendale, Lancs. BB4 4LS.

| Other relevant tests | Notes | Result | Method |
|--|--|---|---|
| Flammability | | | |
| Hot metal nut | | Low radius of effects of ignition | BS 4790 & BS 5287 |
| French radiant panel | | Class M3 | NFP 92-506 |
| Barrier Properties | | | |
| Moisture resistance | (g/m ² /24hrs@38°C/90%RH) | Typical value: 1.5 | ASTM F1249 |
| Insulation | | | |
| Thermal resistance | | 0.55 togs | BS 4745 |
| Weighted reduction in impact sound pressure level (ΔL_w) | | 23 dB | BSEN ISO 140-8: 1998 & BSEN ISO 717-2: 1997 |
| Electrical Resistivity | | | |
| | <u>25% RH</u> | <u>60% RH</u> | BS 6654 |
| Vertical resistance | >10.0 x 10 ¹² ohms | 10.4 x 10 ⁸ ohms | |
| Horizontal resistance | >10.0 x 10 ¹² ohms | 2.7 x 10 ⁸ ohms | |
| Vertical resistivity | >5.0 x 10 ¹⁴ ohms/cm ² | 5.2 x 10 ¹⁰ ohms/cm ² | |
| Horizontal resistivity | >9.0 x 10 ¹³ ohms/cm ² | 2.4 x 10 ⁹ ohms/cm ² | |

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