**Underlay Technical Specification**

**Sponge Rubber Textured Flat**

Suitable for the stretch-fit installation of carpets


**Standard Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal thickness</td>
<td>7.00 mm (0.276&quot;)</td>
</tr>
<tr>
<td>Nominal density</td>
<td>368kg/m³ (22.97bs/ft³)</td>
</tr>
<tr>
<td>Nominal square weight</td>
<td>2576 g/m² (76 oz/yd²)</td>
</tr>
<tr>
<td>Nominal roll weight</td>
<td>38.82 kg (86 lb)</td>
</tr>
<tr>
<td>Nominal roll area</td>
<td>15.07m² (1.33m x 11.33m); 18.02yd² (53.94&quot; x 433.07&quot;)</td>
</tr>
</tbody>
</table>

**BS 5808: 1991 / EN14499 : 2015**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>End Use Classification</td>
<td>GD/U, General Domestic Use</td>
</tr>
<tr>
<td>Work of compression (Min. 50 J/m² Max. 200 J/m²)</td>
<td>118 J/m²</td>
</tr>
<tr>
<td>Retention of work of compression (min 40%)</td>
<td>70 %</td>
</tr>
<tr>
<td>Compression after dynamic loading</td>
<td>4.1 mm</td>
</tr>
<tr>
<td>Loss in thickness after dynamic loading (max 15%)</td>
<td>4.8 %</td>
</tr>
<tr>
<td>Loss in thickness after static loading (max 15%)</td>
<td>9.3 %</td>
</tr>
<tr>
<td>Resistance to cracking (not greater than 50mm)</td>
<td>Pass</td>
</tr>
</tbody>
</table>

**Test Performance to US Standards**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFD (Compression Force Deflection)</td>
<td>2.0 PSI @ 25% deflection.</td>
</tr>
<tr>
<td>CFD (Compression Force Deflection)</td>
<td>4.5 PSI @ 50% deflection.</td>
</tr>
<tr>
<td>CFD (Compression Force Deflection)</td>
<td>11.2 PSI @ 65% deflection.</td>
</tr>
</tbody>
</table>

**Recommended Use**

Extra Heavy Traffic Class III

US Carpet Cushion Council

GOST 12.1.044-89 (item 4.20)

**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
**Underlay Technical Specification**

**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))

**Other Specifications**
- Odour: No objectionable odour
- Antimicrobial and mildew resistant: Yes
- R value (SI Unit): 0.101
- R Value (USA Unit): 0.57
- Colour / backing: Red / printed Textron® backing
- Packaging: Grey film / red print
- Thermal resistance: 1.01 togs (BS 4745)
- Emissions (US Carpet & Rug Institute): Meets low VOC emission criteria (US CRI Certified GLP051 Cat CC10 Ruber)

**GREEN CREDENTIALS**

<table>
<thead>
<tr>
<th>Green Features</th>
<th>Description</th>
<th>LEED Programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recyclable</td>
<td>At the end of the underlays useful life it can be 100% recycled</td>
<td>MR 2.0: Points Available</td>
</tr>
<tr>
<td>Recycled Content</td>
<td>Contains not less than 3% pre-consumer recycled material</td>
<td>MR 4.0: Points Available</td>
</tr>
<tr>
<td>Indoor Air Quality</td>
<td>Meets or exceeds the industry standard for indoor air quality as established by the CRI Green Label Plus Programme</td>
<td>IEQ 4.3: Points Available</td>
</tr>
<tr>
<td>Regional Materials</td>
<td>Production Facility Haslingden B4 4LS, UK Where used within 500 miles of Production Facility</td>
<td>MR 5.0: Points Available</td>
</tr>
</tbody>
</table>

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

**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