**Polyurethane Rebond**

**Suitable for flame retardant applications**

**Suitable for the stretch-fit and double-stick installation of carpets**


**Standard Specifications**

- **Nominal density**: 145 kg/m³
- **Nominal square weight**: 1015 g/m² (30 oz/yd²)
- **Nominal roll weight**: 15.30 kg (33.7 lbs)
- **Nominal roll area**: 15.07m² (1.37m x 11.00m)
- **Nominal thickness**: 7.00mm (0.28”) ISO 1765

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

- **End Use Classification**: HC/U, Heavy Contract Use
- **Work of compression (Min. 50 J/m² Max. 200 J/m²)**: >140 J/m² BS 4098 & ISO 2094
- **Retention of work of compression (min 40%)**: >90 % BS 4098 & ISO 2094
- **Loss in thickness after dynamic loading (max 15%)**: <5 % BS 4052 & ISO 2094
- **Loss in thickness after static loading (max 15%)**: <5 % ISO 3415/3416 & BS 4939
- **Resistance to cracking (not greater than 50mm)**: Pass EN 14499 & BS 5808
- **Hot metal nut test (tested in Interfloor laboratory)**: Pass BS 4790 & BS 5287
- **Breaking strength (length/width) min. 30N**: >90N / >50N EN ISO 13394 BS 2576
- **Extension under force (length/width) max. 15%@ 30N**: <10% / <10% EN ISO 13394 BS 2576

**Flammability**

- **Hot metal nut test**: Low radius of effects of ignition BS 4790 & BS 5287
- **Critical radiant flux**: Category 1 (0.53W/cm²) ASTM E648 / NFPA253
- **Reaction to fire classification**: Bf1-s1 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)

**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
Underlay Technical Specification

Test Performance to US Standards

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
<th>Method</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFD (Compression Force Deflection)</td>
<td>0.9 PSI @ 25% deflection. Method: 601/12151</td>
<td>ASTM D3676-13</td>
<td></td>
</tr>
<tr>
<td>CFD (Compression Force Deflection)</td>
<td>3.1 PSI @ 50% deflection. Method: 601/12151</td>
<td>ASTM D3676-13</td>
<td></td>
</tr>
<tr>
<td>CLD (Compression Force Deflection)</td>
<td>6.3 PSI @ 65% deflection. Method: 601/12151</td>
<td>ASTM D3676-13</td>
<td></td>
</tr>
</tbody>
</table>

Recommended Use

Moderate Traffic Class I

US Carpet Cushion Council

Other Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odour</td>
<td>No objectionable odour</td>
</tr>
<tr>
<td>Colour / backing</td>
<td>Yellow polyethylene / polyethylene with reinforcing mesh</td>
</tr>
<tr>
<td>Packaging</td>
<td>Yellow film / black print</td>
</tr>
<tr>
<td>Thermal resistance</td>
<td>1.99 togs ‡  BS 4745</td>
</tr>
<tr>
<td>Emissions (US Carpet &amp; Rug Institute)</td>
<td>Meets low VOC emission criteria US CRI Green Label Certified GLP051 Cat CC2 PU Plus Programme</td>
</tr>
</tbody>
</table>

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 95% 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 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.

Certification

Guarantee

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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

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