

## Underlay Technical Specification

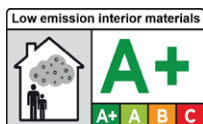
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Issue No.1



### Certification



### Guarantee

Guaranteed for the serviceable lifetime of the carpet when used in accordance with the End Use Classification.

### Polyurethane Rebond

Suitable for stretch-fit installation of carpets

End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): L/U, Luxury Use

#### Standard Specifications\*

Nominal density	160 kg/m <sup>3</sup>	
Nominal square weight	1849 g/m <sup>2</sup>	
Nominal roll weight	27.90 kg	
Nominal roll area	15.07m <sup>2</sup> (1.37m x 11.0m)	
Nominal thickness	11.00mm	ISO 1765

#### BS 5808: 1991 / EN14499 : 2015

End Use Classification	L/U, Luxury Use	
Work of compression (Min. 50 J/m <sup>2</sup> Max. 200 J/m <sup>2</sup> )	>140 J/m <sup>2</sup>	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
Breaking strength (length/width) min. 40N	>90N / >40N	EN ISO 13394 BS 2576
Extension under force (length/width) max. 15% @ 30N	<10% / <10%	
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808

#### Flammability

Hot metal nut test (tested in Interfloor laboratory)	Low radius of effects of ignition	BS 4790 & BS 5287
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#### Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Pass	ASTM G21
Colour / backing	Yellow bio-based film / 100% recycled stichtet kraft paper backing printed with vegetable-based ink	
Packaging	White bio-based or 100% post-consumer waste film / Yellow ink	
Thermal resistance	3.05 togs	BS 4745
Impact sound reduction (Delta Lw)	46dB	BS EN ISO 10140 rated to BS EN ISO 717
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	
Emissions (GEV Emission)	Very low emission EC1 PLUS	
French VOC Emission Regulations	Complies A+	

#### GREEN CREDENTIALS

Recycled Content (97.9%)		Sustainable Content (0.4%)		Other (1.7%)*	
Post Consumer Foam	97%	Bio-based Film	0.4%	Other	1.7%
Recycled Paper	0.9%				

\* Sustainable options currently under development.

#### 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

**THIS PRODUCT IS PRODUCED IN A FACILITY ACCREDITED TO ISO 9001, 14001 & 45001**