

## Underlay Technical Specification

Item Code: TAPOWER3

Issue Date: 13/08/2024

Issue No. 13



### Sponge Rubber

Suitable for the stretch-fit installation of carpets

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

#### Outline Specification\*

Nominal thickness	8.60 mm (0.339")	ISO 1765
End Use Classification	L/U, Luxury Use	
Nominal density	378kg/m <sup>3</sup> (23.60bs/ft <sup>3</sup> )	
Nominal square weight	3254 g/m <sup>2</sup> (96 oz/yd <sup>2</sup> )	
Nominal roll weight	35.7 kg (78.71lbs)	
Nominal roll area	10.96 m <sup>2</sup> (1.33m x 8.24m); 13.11 yd <sup>2</sup> (53.94" x 314.96")	

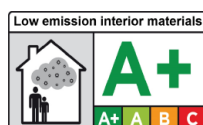
#### BS 5808: 1991 / EN14499 : 2015

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%)	80 %	BS 4098 & ISO 2094
Compression after dynamic loading	5.2 mm	BS 4098 & ISO 2094
Loss in thickness after dynamic loading (max 15%)	4.3 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	4.8 %	ISO 3415/3416 & BS 4939
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808

#### Test Performance to US Standards

CFD (Compression Force Deflection)	1.6 PSI @ 25% deflection.	ASTM D3676-13 Method: 601/12151
CFD (Compression Force Deflection)	3.4 PSI @ 50% deflection.	ASTM D3676-13 Method: 601/12151
CFD (Compression Force Deflection)	5.6 PSI @ 65% deflection.	ASTM D3676-13 Method: 601/12151
Recommended Use	Heavy Traffic Class II	US Carpet Cushion Council

### 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

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

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### 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

### Other Specifications

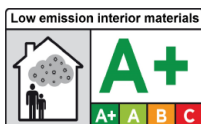
Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
R value (SI Unit)	0.11	
R Value (USA Unit)	0.0.62	
Colour / backing	Gold / printed Textron® backing	
Packaging	Clear, with printed insert	
Thermal resistance	1.1 togs	BS 4745
Impact sound reduction (Delta Lw)	37 dB	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria Certified GLP051 Cat CC10 Ruber	US CRI Green Label Plus Programme

### GREEN CREDENTIALS

Green Features	Description	LEED Programme
Recyclable	At the end of the underlays useful life it can be 100% recycled	MR 2.0: Points Available It can be recycled
Recycled Content	Contains not less than 3% pre-consumer recycled material	MR 4.0: Points Available Recycled Content
Indoor Air Quality	Meets or exceeds the industry standard for indoor air quality as established by the CRI Green Label Plus Programme	IEQ 4.3: Points Available Product is Green Label Plus Certified
Regional Materials	Production Facility Haslingden BB4 4LS, UK Where used within 500 miles of Production Facility	MR 5.0: Points Available

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

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