

Underlay Technical Specification

Item Code: TAENERGY2

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Issue No. 9

Sponge Rubber Textured Flat

Suitable for the stretch-fit installation of carpets

End Use Classification (BS 5808: 1991): GD/U, General Domestic Use



Standard Specifications

Nominal square weight †	2576 g/m ² (76 oz/yd ²)
Nominal roll weight†	38.82 kg (86 lb)
Roll area*	15.07m ² (1.33m x 11.33m)

BS 5808: 1991

End Use Classification	GD/U, General Domestic Use	
Nominal thickness†	7.00 mm	BS 4051
Work of compression Minimum 50 J/m ²	118 J/m ²	BS 4908 & BS 4052
Retention of work of compression (min 40%)	70 %	BS 4908 & BS 4052
Compression after dynamic loading	4.1 mm	BS 4908 & BS 4052
Loss in thickness after dynamic loading (max 15%)	4.8 %	BS 4052
Loss in thickness after static loading (max 15%)	9.3 %	BS 3939
Resistance to cracking (not greater than 50mm)	Pass	BS 5808

Flammability

Hot metal nut test (tested in Interfloor laboratory)	Pass	BS 4790 & BS 5287
Critical radiant flux	Category 1 (0.53W/cm ²)	ASTM E648 / NFPA253
Russian GOST FR Test	Classification KM5	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)

Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Red / printed Textron [®] backing	
Packaging	Grey film / red print	
Thermal resistance	1.01 togs	BS 4745
Impact sound reduction (Delta Lw)	30dB	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	

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 still equate to the area quoted. This does not constitute a manufacturing specification. It details important performance and physical characteristics only.

† ±5%

‡ Value derived from similar product test results