

Underlay Technical Specification

Item Code: TAIMPERIUM4

Issue Date: 13/10/2023

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 both stretch-fit and double-stick applications

End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): HC/U, Heavy Contract Use

Standard Specifications*

Nominal density	200 kg/m ³	
Nominal square weight	1251 g/m ² (37 oz/yd ²)	
Nominal roll weight	18.80 kg (41.6 lbs)	
Nominal roll area	15.07m ² (1.37m x 11.00m)	
Nominal thickness	6.00mm	ISO 1765

BS 5808: 1991 / EN 14499

End Use Classification	HC/U, Heavy Contract Use	
Work of compression (Min. 50 J/m ² Max. 200 J/m ²)	>140 J/m ²	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	BSEN 13934
Extension under force (length/width) max. 15% @ 30N	<10% / <10%	BSEN 13934

Flammability

Hot metal nut test	Low radius of effects of ignition	BS 4790 & BS 5287
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Other Specifications

Odour	No objectionable odour	
Colour / backing	White facing reinforced with spunbonded polyester / printed paper backing	
Packaging	White film / Full colour Tredaire Premier print	
Thermal resistance	1.68 togs	BS 4745
Impact sound reduction (Delta Lw)	35 dB	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	

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