

Underlay Technical Specification

Item Code: TATITANIUM3

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Issue No.1

Polyurethane Rebond

Suitable for stretch fit and double stick* installations of carpets (*for areas up to 30m²)

End Use Classification (BS 5808: 1991): HCU, Heavy Contract Use

Standard Specifications

Nominal density [†]	180 kg/m ³
Nominal square weight [†]	1495 g/m ²
Nominal roll weight [†]	22.5 kg
Roll area*	15.07m ² (1.37m x 11.0m)

BS 5808: 1991

End Use Classification	HC/U, Heavy Contract Use	
Nominal thickness [†]	8.00mm	BS 4051
Work of compression Minimum 50 J/m ²	>140 J/m ²	BS 4098 & BS 4052
Retention of work of compression (min 40%)	>90 %	BS 4098 & BS 4052
Loss in thickness after dynamic loading (max 15%)	<5 %	BS 4052
Loss in thickness after static loading (max 15%)	<4 %	BS 4939
Breaking strength (length/width) min. 40N	>90N / >50N	BS 2576
Extension under force (length/width) max. 10% @ 40N	<10% / <10%	
Resistance to cracking (not greater than 50mm)	Pass	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	
Colour / backing	Grey film with black print / grey film and mesh	
Packaging	Grey film / black print	
Thermal resistance	2.22 togs	BS 4745
Impact sound reduction (Delta Lw)	39dB	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.

[†] ±10%

* Value derived from similar product test results