

## Underlay Technical Specification

Item Code: TAPALLADIUM4

Issue Date: 18/05/2022

Issue No.1

### Polyurethane Rebond

Suitable for stretch fit installation of carpets

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

#### Standard Specifications\*

Nominal density	180 kg/m <sup>3</sup>	
Nominal square weight	1855 g/m <sup>2</sup>	
Nominal roll weight	28.0 kg	
Nominal roll area	15.07m <sup>2</sup> (1.37m x 11.0m)	
Nominal thickness	10.00mm	ISO 1765

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

End Use Classification	HC/U, Heavy Contract 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%)	<4 %	ISO 3415/3416 & BS 4939
Breaking strength (length/width) min. 30N	>90N / >50N	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	
Colour / backing	Orange facing reinforced with spunbonded polyester / printed paper backing	
Packaging	White film / orange & purple print	
Thermal resistance	2.59 togs	BS 4745
Impact sound reduction (Delta Lw)	43dB	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 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