

**Underlay Technical Specification**

Item Code: TAPALLADIUM2

Issue Date: 22/03/2019

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	Red nonwoven / white printed Textron® backing	
Packaging	Violet film / black 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