

**Underlay Technical Specification**

Item Code: TAGRANDURO

Issue Date: 22/03/2019

Issue No. 1



**Polyurethane Rebound**

**Suitable for stretch-fit installation of carpets**

**End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): L/U, Luxury Use**

**Standard Specifications\***

Nominal density	145 kg/m <sup>3</sup>	
Nominal square weight	1595 g/m <sup>2</sup>	
Nominal roll weight	24 kg	
Nominal roll area	15.07m <sup>2</sup> (1.37m x 11.0m)	
Nominal thickness	11.00mm	ISO 1765

**BS 5808: 1991 / EN14499 : 2015**

End Use Classification	L/U, Luxury Use	
Work of compression (Min. 50 J/m <sup>2</sup> Max. 200 J/m <sup>2</sup> )	>200 J/m <sup>2</sup>	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	>80 %	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%)	<3 %	ISO 3415/3416 & BS 4939
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808
Breaking strength (length/width) min. 30N	>70N / >40N	EN ISO 13394 BS 2576
Extension under force (length/width) max. 15% @ 30N	<10% / <10%	EN ISO 13394 BS 2576

**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	Yellow with black print / spunbonded polyester backing	
Packaging	Yellow film / black print	
Thermal resistance	2.9 togs ‡	BS 4745
Impact sound reduction (Delta Lw)	43 dB ‡	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997
Emissions	Meets low VOC emission criteria US Carpet & Rug Institute	

**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