

Underlay Technical Specification

Item Code: TAESTRENU

Issue Date: 11/11/2021

Issue No.2



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	160 kg/m ³	
Nominal square weight	1044 g/m ²	
Nominal roll weight	15.73 kg	
Nominal roll area	15.07m ² (1.37m x 11.0m)	
Nominal thickness	6.00mm	ISO 1765

BS 5808: 1991 / EN14499 : 2015

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%)	>90.00 %	BS 4098 & ISO 2094
Loss in thickness after dynamic loading (max 15%)	<5.00 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	<5.70 %	ISO 3415/3416 & BS 4939
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808
Breaking strength (length/width) min. 30N	>90N / >50N	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
Reaction to Fire Test	Bfl-s1	EN ISO 13501

Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Pass	ASTM G21
Colour / backing	Green bio-based film / 100% recycled paper Textron® backing printed with vegetable-based ink	
Packaging	White bio-based or 100% post-consumer waste film / green ink	
Thermal resistance	1.85 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	
Emissions (GEV Emission)	Very low emission EC1 PLUS	
French VOC Emission Regulations	Complies A+	

GREEN CREDENTIALS

Recycled Content (97.6%)		Sustainable Content (0.4%)		Other (1.7%) [†]	
Post Consumer Foam	96.3%	Bio-based Film	0.6%	Other	1.8%
Recycled Paper	1.3%				

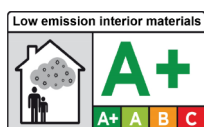
[†] Sustainable options currently under development.

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

Certification



Guarantee

Guaranteed for the serviceable lifetime of the carpet when used in accordance with the End Use Classification.