

**Underlay Technical Specification**

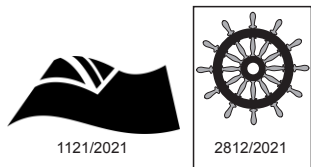
Item Code: TAFLAMECHECK4

Issue Date: 01/09/2021

Issue No. 1



**Certification**



**Guarantee**

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

**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**

**Outline Specification\***

Nominal thickness	4.00mm (0.157")	ISO 1765
Nominal density	145 kg/m <sup>3</sup>	
Nominal square weight	633 g/m <sup>2</sup> (18.7oz/yd <sup>2</sup> )	
Nominal roll weight	9.50 kg (20.8lbs)	
Nominal roll area	15.07m <sup>2</sup> (1.37m x 11.00m) ; 18.02yd <sup>2</sup> (53.94" x 433.07")	

**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> )	>100 J/m <sup>2</sup>	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	>95 %	BS 4098 & ISO 2094
Loss in thickness after dynamic loading (max 15%)	<3.50 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	<5.00 %	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	Pass	BS 4790 & BS 5287
IMO Surface flammability test (Part 5)	Pass	

**Smoke & Toxicity**

IMO Smoke & toxicity test - Part 2	Pass
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**Accreditation (see note below) ††**

Warrington Certification (UK) Limited	EU Council Directive 96/98/EC
Type Approval	Certificate No 164.117/1121/WCL MER0443TE
Quality system approval(Module E)	Certificate No 164.117/1121/WCL MER0443QA

Element Materials Rotterdam (EC)	EU Council Directive 96/98/EC
Type Approval	Certificate No 164.117/ERO2812/MED0443TE
Quality system approval(Module E)	Certificate No 164.117/ERO2812/MED0443QA

**Notes**

\* The nominal roll dimensions have been quoted. These may vary slightly but will comply with the requirements of BS EN 14499:2015  
 †† Only applies when material is stuck to floor using an appropriate adhesive (see product).

**THIS PRODUCT IS PRODUCED IN A FACILITY ACCREDITED TO ISO 9001, 14001 & 45001**

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Item Code: TAFLAMECHECK6

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Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Pass	
R value (SI Unit)	0.10	
R Value (USA Unit)	0.59	
Colour / backing	Yellow polyethylene / non-woven scrim	
Packaging	Clear with printed insert	
Thermal resistance	1.02 togs †	BS 4745
Impact sound reduction (Delta Lw)	26 dB †	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	Certified GLP051 Cat CC2 PU US CRI Green Label Plus Programme

GREEN CREDENTIALS

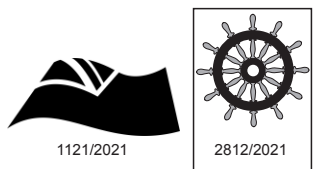
Green Features	Description	LEED Programme
Recyclable	At the end of the underlays useful life it can be 100% recycled	MR 2.0: Points Available It can be recycled
Recycled Content	Contains not less than 95% pre-consumer recycled material	MR 4.0: Points Available Recycled Content
Indoor Air Quality	Meets or exceeds the industry standard for indoor air quality as established by the CRI Green Label Programme	IEQ 4.3: Points Available Product is Green Label Plus Certified
Regional Materials	Production Facility Haslingden BB4 4LS, UK Where used within 500 miles of Production Facility	MR 5.0: Points Available

LEED points must be considered along with other building components and must be determined by the specifier/architect or LEED accredited professional

Recycled Content

Post Consumer	0%
Pre Consumer	92%
Virgin	8%

Certification



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