

## Underlay Technical Specification

Item Code: TAFLAMECHECK4

Issue Date: 05/01/2023

Issue No. 1



### 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

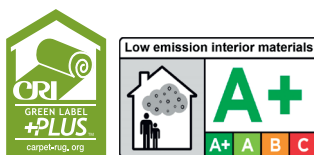
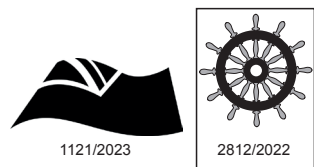
IMO Smoke & toxicity test - Part 2	Pass
------------------------------------	------

#### 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

#### 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  
 †† 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**

## Underlay Technical Specification

Item Code: TAFLAMECHECK6

Issue Date: 05/01/2023

Issue No. 1



### 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

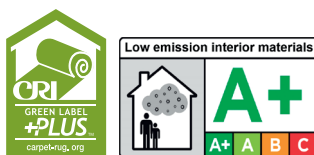
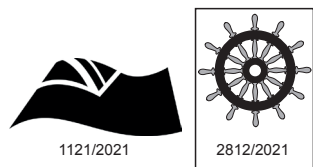
Green Features	Description	LEED Programme
Recyclable	At the end of the underlays useful life it can be 100% recycled	MR 2.0: Points Available It can be recycled
Recycled Content	Contains not less than 95% pre-consumer recycled material	MR 4.0: Points Available Recycled Content
Indoor Air Quality	Meets 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



### 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  
†† 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**