

Underlay Technical Specification

Item Code: TAFLAMECHECK2

Issue Date: 0/07/2017

Issue No. 2

Polyurethane Rebond

Suitable for both stretch-fit and double-stick applications

End Use Classification (BS 5808: 1991): HC/U, Heavy Contract Use

Outline Specification

Nominal thickness [†]	6.50mm (0.256")
Nominal density [†]	145 kg/m ³
Nominal square weight [†]	1002 g/m ² (29.55oz/yd ²)
Nominal roll weight [†]	15.10 kg (33.29lbs)
Roll area*	15.07m ² (1.37m x 11.00m) ; 18.02yd ² (53.94' x 433.07")
Colour / backing	Orange polyethylene / polyethylene with reinforcing scrim
Packaging	Clear with printed insert

BS 5808: 1991

End Use Classification	HC/U, Heavy Contract Use	
Nominal thickness [†]	6.50mm (0.256")	BS 4051
Work of compression Minimum 50 J/m ²	>140 J/m ²	BS 4098 & BS 4052
Retention of work of compression (min 40%)	>90.00 %	BS 4098 & BS 4052
Loss in thickness after dynamic loading (max 15%)	<5.00 %	BS 4052
Loss in thickness after static loading (max 15%)	<5.70 %	BS 4939
Resistance to cracking (not greater than 50mm)	Pass	BS 5808
Breaking strength (length/width) min. 40N	>90N / >50N	BS 2576
Extension under force (length/width) max. 10% @ 40N	<10% / <10%	BS 2576

Flammability

Hot metal nut test	Pass	BS 4790 & BS 5287
Reaction to fire classification	TBD	ENISO9239-1 & 11925-2, rated to EN13501-1
IMO Surface flammability test (Part 5)	Pass	

Accreditation (see note below) ^{††}

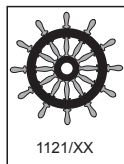
Warrington Certification Limited	EU Council Directive 96/98/EC
Type Approval	Certificate No 164.117/1121/WCL MED0443TE
Quality system approval (Module F)	Certificate No 164.117/1121/WCL MED0443QA

Smoke & Toxicity

IMO Smoke & toxicity test - Part 2	Pass
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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 still equate to the area quoted. This does not constitute a manufacturing specification. It details important performance and physical characteristics only.

[†] ±10%

^{††} Only applies when material is stuck to floor, printed side up, using an appropriate adhesive (see product).

^{†††} Value derived from similar products

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Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Pass	
R value (SI Unit)	0.18	
R Value (USA Unit)	1.05	
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 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 B4 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%

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