

Underlay Technical Specification

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Issue Date: 24/04/2018

Issue No. 12

Latex Foam

Suitable for flame retardant applications

Suitable for the double-stick and stretch-fit installation of carpets

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



Standard Specifications

Nominal square weight †	1600 g/m ² (47 oz/yd ²)
Roll area*	15.07m ² (1.37m x 11.00m)

BS 5808: 1991

End Use Classification	HC/U, Heavy Contract Use	
Nominal thickness†	6.25mm	BS 4051
Work of compression Minimum 50 J/m ²	93.00 J/m ²	BS 4098 & BS 4052
Retention of work of compression (min 40%)	89.00 %	BS 4098 & BS 4052
Loss in thickness after dynamic loading (max 15%)	11.20 %	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	96N / 51N	BS 2576
Extension under force (length/width) max. 10% @ 40N	1.6% / 0.5%	BS 2576

Flammability

Hot metal nut test	Low radius of effects of ignition	BS 4790 & BS 5287
Reaction to fire classification	Bfl-s1	EN13501-1
IMO Surface flammability test - Part 5	Pass	

Accreditation - Marine directive 2014/90/EU

Bureau Veritas Certificate of Type Approval	Cert No. SMS. MED2.D/13717 Cert No. 10297/DO EC	In accordance with EU
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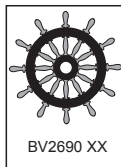
Smoke & Toxicity

IMO Smoke & toxicity test - Part 2	Pass
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Other Specifications

Odour	No objectionable odour
Colour / backing	Red / Bacloc backing
Packaging	Clear with printed insert
Thermal resistance	0.84 togs BS 4745
Impact sound reduction (Delta Lw)	32dB 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 still equate to the area quoted. This does not constitute a manufacturing specification. It details important performance and physical characteristics only.

† ±5%