

TECHNICAL SPECIFICATION “CONTRACT- au”

High quality flame retardant latex foam underlay

IMO compliant– recommended for maritime vessels and offshore installations

Carries European Directive 96/98 EC MarineMark

Lloyd’s Register and Det Norske Veritas approved

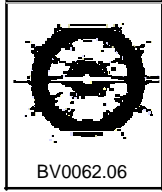
End Use Classification (BS 5808): HC/U, Heavy Contract Use

Suitable for both stretch-fit and double-stick installations

Guaranteed for the serviceable lifetime of the carpet when used in

the recommended locations

Roll size: 1.37 m x 11.0 m



USCG 164.117/EC0062/10297 B0EC

| Specification | BS Requirements | Result | Method |
|---|--|---|-------------------|
| Nominal weight | | 1600 g/m ² | |
| Thickness | | 6.25 mm | BS 4051 |
| Mean original thickness from nominal thickness | Maximum 12% | 3.0 % | |
| Difference between max. & min. original thicknesses | Maximum 3 mm | 0.6 mm | |
| Work of compression | Minimum 50 J/m ² after dynamic loading for 1000 impacts | 93 J/m ² | BS 4098 & BS 4052 |
| Compression after dynamic loading | Minimum 2 mm, maximum 7 mm after dynamic loading | 3.2 mm | |
| Retention of work of compression | Minimum 40% of original after 1000 impacts | 89 % | |
| Breaking strength - length | Minimum 40N | 356 N | BS 2576 |
| Breaking strength - width | | 141 N | |
| Extension under force - length | Maximum 10% @ 40N | 1.6 % | |
| Extension under force - width | | 0.5 % | |
| Loss in thickness after dynamic loading | Maximum 15% after 1000 impacts | 11.2 % | BS 4052 |
| Loss in thickness after static loading | Maximum 15% after 24 hrs recovery | 5.7 % | BS 4939 |
| Resistance to cracking | Not greater than 50 mm | Pass | BS 5808 |
| Odour | | No objectionable odour | |
| Colour and appearance | | Red flat latex foam sheet with Bacloc paper backing | |

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| Other relevant tests | Result | Method |
|--|-----------------------------------|--|
| Flammability | | |
| Hot metal nut | Low radius of effects of ignition | BS 4790 & BS 5287 |
| French radiant panel | Class M3 | NFP 92-506 |
| IMO Surface flammability test | Pass | Resolution A653(16), amended by MSC61(67) |
| Smoke & Toxicity | | |
| IMO Smoke & toxicity test | Pass | Resolution MSC61(67) 1996 Annex 1, Part 2 |
| NES Smoke index of combustion products | Pass (49.67) | NES 711 Category 2 |
| NES Toxicity index of combustion products | Pass (4.68) | NES 713 Category 2 |
| Accreditation | | |
| Bureau Veritas Certificate of Type Approval | Certificate No. 10297/B0 EC | In accordance with EU Council Directive 96/98 EC on Maritime Equipment |
| Lloyd's Fire Approval Certificate | Certificate No. SASF040034 | In accordance with IMO FTPC Annex 1, Part 5 & Part 2 |
| Det Norske Veritas Certificate of Type Approval | Certificate No. F-17263 | In accordance with IMO FTPC Annex 1, Part 5 & Part 2 |
| Insulation | | |
| Thermal resistance | 0.84 togs | BS 4745 |
| Acoustic | | |
| Weighted reduction in impact sound pressure level (ΔL_w) | 32 dB | Tested to BSEN ISO 140-8: 1998, rated to BSEN ISO 717-2: 1997. |

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