




EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that :

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), specified as a "notified body" under the terms of The Merchant Shipping (Marine Equipment) Regulations S.I. 1999 No. 1957, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the essential Fire protection requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Commission Directives 98/85/EC, 2001/53/EC, 2002/75/EC, 2002/84/EC, 2008/67/EC, 2009/26/EC, 2010/68/EU, 2011/75/EU, 2012/32/EU, 2013/52/EU and 2014/93/EU subject to any conditions in the Design Appraisal Document attached hereto.

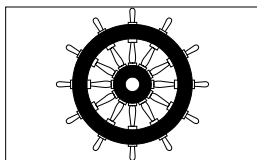
Manufacturer	Recticel B.V.
Address	Schuilheuveelstraat 1 4116 GA Buren The Netherlands
Annex A1 Item	A.1/3.18c SURFACE MATERIALS & FLOOR COVERINGS WITH LOW FLAME-SPREAD CHARACTERISTICS - FLOOR COVERINGS
USCG Category Number	164.117 - SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME SPREAD CCHARACTERISTICS (FLOOR COVERINGS)
Product Type	MATERIAL HAVING LOW FLAME SPREAD CHARACTERISTICS & NOT CAPABLE OF PRODUCING EXCESSIVE SMOKE & TOXIC PRODUCTS OF COMBUSTION
Product Description	Fire-Resisting Material - Type "Fenixbase" Carpet Underlay
Specified Standard	IMO Res. MSC.61 (67) - (FTP Code) Annex 1 Part 2 and Part 5 IMO MSC/Circ.1120 IMO Res. MSC.307(88) - (2010 FTP Code) Section 8

The attached Design Appraisal Document (schedule) forms part of this certificate. This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Date of issue	25 June 2015	Expiry date	20 October 2018
Certificate No.	MED 1350135/M1	Signed	
Sheet No	1 of 3	Name	J. M. Evans For and on behalf of Lloyd's Register Verification LRV EC Distinguishing No. 0038

Note:

This certificate is not valid for equipment; the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify the notified body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.



0038/yy

Subject to compliance with the conditions in the attached Design Appraisal Document (schedule), which forms part of this certificate, and those of Articles 10.1(i) and 11 of the Directive, the Manufacturer is allowed to affix the "Mark of Conformity" to the Product described herein.

yy = Last two digits of year mark affixed.

This product has been assigned a U.S. Coast Guard Module B number:

USCG Module B number:164.117/EC0038

USCG-EU MRA

to note type approval to Module B only as it pertains to obtaining U. S. Coast Guard approval as allowed by the "Corrigendum to Council Decision 2004/425/EC of 21 April 2004 on the conclusion of an Agreement between the European Community and the United States of America on the mutual recognition of certificates of conformity for marine equipment."

This certificate is issued under the authority of the MCA.

Lloyd's Register Verification Limited (Reg. no. 4929226) is a limited company registered in England and Wales. Registered office: 71 Fenchurch Street, London, EC3M 4BS, UK. A subsidiary of Lloyd's Register Group Limited.

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Lloyd's
Register

Lloyd's Register Verification Limited

71 Fenchurch Street, London, EC3M 4BS

Telephone 020 7423 2416 Fax 020 7423 2053

Email med@lr.org

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Document number MED 1350135/M1
Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 25 June 2015	Quote this reference on all future communications MTES/TA/SFS/JE/WP21153223
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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1350135/M1

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

APPROVAL/EXAMINED DOCUMENTATION

Bodycote Warrington Fire Research Centre Ltd, Holmesfield Road, Warrington, WA1 2DS, United Kingdom, Fire Test Reports No. 169696, No. 169697 and 169698 all dated 12th March 2008.

Warringtonfirgent Fire Test Laboratory, Gent, Belgium, Fire Test Reports No. 13031A, No. 13031B and No. 13031C all dated 30th January 2008.

Addendum to Warringtonfiregent Fire Test Reports No. . 13031A, No. 13031B and No. 13031C – Ref VDV/FD/08-09041208 dated 4th September 2008.

CONDITIONS OF CERTIFICATION

1. When applied to a non-combustible substrate.
2. Consisting of: 'Recfoam U140' polyurethane foam core (4mm to 8mm thick, density 140kg/m³), laminated with 'Compound Alu/Polyester FR' facing (31µm thick, weight 61g/m²) and 'Spun PP Zwart' polypropylene backing (5µm thick, weight 28g/m²). Bonded using 'protechnic adhesive' applied at rate 29g/m². 'Compound Alu/Polyester FR' consists of: foil 'Aluminium Foil' (12µm thick, weight 33g/m²) and film 'Polyester FR' (19µm thick, weight 28g/m²) both manufactured by W. Bosch & Co.
3. Overall thickness 4mm to 8mm, density 140kg/m³ to 156kg/m³.
4. Composition of individual components to be maintained in production in accordance with originally tested composition formula.
5. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D), a Product-Quality assurance system (Module E) or a Product Verification Process (Module F). The wheelmark cannot be affixed to the product until a conformity assessment module is in place.
6. This product has been assigned a **U.S. Coast Guard Module B number USCG Approval Category 164.117/EC0038** to note type approval to Module B only as it pertains to obtaining U. S. Coast Guard approval as allowed by the "Corrigendum to Council Decision 2004/425/EC of 21 April 2004 on the conclusion of an Agreement between the European Community and the United States of America on the mutual recognition of certificates of conformity for marine equipment".

In those instances where the Notified Body conducting the conformity assessment in accordance with either Module D, E or F of the Marine Equipment Directive is not Lloyd's Register Verification Ltd., such Notified Body would use the above U.S. Coast Guard Module B number to provide the manufacturer with the U.S. Coast Guard approval number by noting it on the Certificate of Conformity, thereby authorizing the manufacturer to mark the product accordingly.

Note: For products placed on board U.S. flagged ships there is no declaration of conformity required to meet U.S. Coast Guard requirements.



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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1350135/M1

- 7. Each item, batch or lot of the equipment is to be issued with a "Declaration of Conformity" and have the "Mark of Conformity" affixed after a conformity assessment module is in place.

PLACE OF PRODUCTION

Recticel B.V.
Schuilheuvelstraat 1
Postbus 726,
4116 ZJ Buren
The Netherlands



J. M. Evans
Senior Specialist
Statutory Fire & Safety
Marine Technology and Engineering Services
For and on behalf of Lloyd's Register Verification
LRV EC Distinguishing No. 0038