



LAPI LABORATORIO PREVENZIONE INCENDI S.p.A.
 Sede Primaria: I-59100 PRATO - Via della Quercia, 11
 Telefono +39 0574.575.320 - Telefax +39 0574.575.323
 Sede Secondaria: I-50041 CALENZANO (FI) - Via Petrarca, 48
 e - mail: lapi@laboratoriolapi.it
 web site: www.laboratoriolapi.it

Notification N°0987

MED annex A.1 item: A.1/3.18 (c)
 Certificate N°0987/MED-B/569

MRA Mutual Recognition Agreement on Marine Equipment EC-US

EC TYPE-EXAMINATION CERTIFICATE (Module B)

Application Of:

**Council Directive 96/98/EC of 20 December 1996 On Marine Equipment (MED) as modified
and as amended by Directive 2013/52/EU of 30th October 2013**



Certificate N° 0987/MED-B/569

This Certificate consists of 2 pages

This is to certify that the products

Eurograte-Real grp grating ad step cover, ref. OD/ED/ID/VD

(Nom. Thickness: 7 mm)

MED annex A.1 item: A.1/3.18 (c)

Product type:

**SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD
CHARACTERISTICS: FLOOR COVERINGS**

Supplied / Manufactured by:

Ticomm & Promaco S.r.l.

Via Parini, 111/e - 20064 GORGONZOLA (MI) - ITALY

Complies with the requirements in the following Regulations/Standards:

Annex B, Module B in the above Directive and as applicable:

- Reg. II-2/3, Reg. II-2/5, Reg. II-2/6, Reg. II-2/9, Reg. X/3
- Reg. II-2/3, Reg. II-2/5, Reg. II-2/6, Reg. II-2/9, IMO Res. MSC 36 (63) /-(1994 Code HSC) 7, IMO Res. MSC 97 (73) (2000 Code HSC) 7, IMO Circ. MSC 1120
- IMO Res. MSC 307 (88) (FTP Code 2010)

This product has been assigned a U.S. Coast Guard Module B number N° 164.117/EC0987/MED569 to note type approval to Module B only as it pertains to obtaining US Coast Guard approval as allowed by the "Agreement between the European Community for Marine Equipment" signed February 27th, 2004.

Further details of the product and conditions for certification are given overleaf



The Manufacturer is allowed to affix the Mark of conformity according to the Article 11 in the Council Directive 96/98/EC on Marine Equipment and issue a Declaration of Conformity, only when the Module D or E or F of Annex B in the same Directive is fully complied with.

Prato, 09/01/2015

The Technical Director

The Certification Manager

PROPOSED

APPROVED

Dr. Luca Ermuni

Dr. Massimo Borsini

This certificate is valid until 08/01/2020

This Certificate is issued under the Authority of Ministero delle Infrastrutture e dei Trasporti Comando Generale del Corpo delle Capitanerie di Porto according to Decreto Ministeriale 26 October 2004 N° 825 and Decreto Ministeriale 1 February 2008 N° 98/2008.

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Product description:

Appearance: greyish sheets of laminated composite material (glass fiber + resin).

Composition: Glass fiber - Mixture of isophthalic polyester resin with alumina hydrate.

Technical data of the material:

Overall thickness	7 mm	
Overall weight	13100 g/m ²	
Material	Composition (%)	Weight (g/m²)
MAT and fibres	41% Continue fibers, mat and glass mats.	5300
Resin	59% Matrix mixing with flame retardant resin	7800
Assembling	Weaving semiautomatic and / or manual layering	///

Side to be tested: either, the material has two identical sides.

Laying mode: mechanically fixed.

The sampling of the specimens has been effected from the production batch n° AF-130510/T&P in the factory located in Loreo (RO) - Via Grimana, on 10/05/2013.

Applications/Limitations

- The material fulfils the requirements of IMO Res. MSC. 307(88) -(2010 FTP Code) Annex 1, Part 2 and 5 for **floor coverings**
- Not for escape routes and/or common areas as the Calorific Value exceeds the value of 45 MJ/m².

Moreover the compliance is valid only for:

1. The thickness of 7,0 mm.
2. The area weight of 13100 g/m².
3. The colour submitted to test (greyish).

Type approval documentation

Product	Test Report	Issued by
Eurograte-Real grp grating ad step cover, ref. OD/ED/ID/VD (Nom. thick. 7 mm)	<ul style="list-style-type: none"> • 2182.4IM0080/14 - Smoke and Toxicity test in accordance to FTP Code 307 (88) Ed. 2010 Annex 1 Part 2 • 2182.4IM0090/14 - Measure of gross calorific value in accordance to FTP Code 307 (88) Ed. 2010 Annex 1 Part 5 • 2182.4IM0100/14 - Surface flammability test in accordance to FTP Code 307 (88) Ed. 2010 Annex 1 Part 5 	<p>LAPI Laboratorio Prevenzione Incendi SpA - Italy - Notified Testing Body N° 0987 EN 17025 Accredited Laboratory IMO Testing Laboratory FP.1 / Circ. 45</p>

=====**End of Document**=====

