



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

Items: MED/3.18a
 Notification N°0987 Certificate N°0987/MED-B/983 Rev. 1

MRA Mutual Recognition Agreement on Marine Equipment EC-US

EC TYPE-EXAMINATION CERTIFICATE

(Module B)

Application Of:

DIRECTIVE 2014/90/EU of 23rd July 2014 and REGULATION (EU) 2022/1157 of 04th July 2022

Certificate N° 0987/MED-B/983 Rev.1

This Certificate consists of 2 pages

This is to certify that the product :

TORO/APIROS/OKOUME'
 (Thickness Range: 2.2÷30.0 mm)

Item: MED/3.18a

Product type:

SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD CHARACTERISTICS:
DECORATIVE VENEERS FOR SURFACE LININGS

Supplied / Manufactured by:

COMPENSATI TORO S.p.A.

Via Piverone, 4 - 10010 AZEGLIO (TO) - Italy

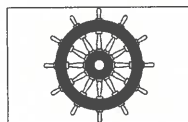
Complies with the requirements in the following Regulations/Standards:

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

- Reg. II-2/3, Reg. II-2/5, Reg. II-2/9, Reg. X/3.
- Reg. II-2/3, Reg. II-2/5, Reg. II-2/9, IMO Res. MSC 36(63)-(1994 HSC Code), 7, IMO Res. MSC. 97(73)-(2000 HSC Code), 7
- IMO Res. MSC. 307(88) – (2010 FTP Code)
- IMO / MSC/Circ. 1102

This equipment is covered by the scope of the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed on 27 February 2004 and amended by Decision No.1/2018 dated 18 February 2019 according to U.S. Coast Guard approval category 164.112. A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F) as allowed by the MRA.

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 10 in the Council Directive 2014/90/EU 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.

Note: the present Revision 1 of the Certificate 0987/MED-B/983 (issued on 16/12/2022) has been released, after verification test, for the extension of the resin type admitted for the production.

Prato, 14/04/2023

The Technical Director

PROPOSED

Luca Ermini

The Certification Manager

APPROVED

David Corsini

This certificate is valid until 11/12/2027

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 dirigenziale N° 90/2021 of 08 February 2021.



Product description:

Appearance: plywood panel, colour: raw.



Technical data of the material:

Thickness range :	2.2÷30.0 mm	
Weight range of the finished material :	1188÷16650 g/m ²	
Nominal range density of the material :	540÷555 kg/m ³	
Material	Range %	Composition
Wood	66.3÷71.2%	Wood : Okoumè
Flame retardant	18.0÷18.5%	Flame retardant
Glue	10.8÷15.2%	Glue (resins): MUF 63T or Basf K610

Side exposed : either, the material has two identical sides.

Laying mode : laid (mechanically fixed) on a non-combustible support.

Main use : linings for walls (with possibility of use in common parts).

Production batches by the Sponsor no. 844 (Thick.: 2.2 mm) on 1st March 2017 and no. 3126 (Thick.: 30.0 mm) on 2nd August 2017 c/o the factory of COMPENSATI TORO S.p.A. S.r.l. located in Via Piverone, 4 - 10010 AZEGLIO (TO) - Italy.

Technical File Reference: 136/22

Applications/Limitations

The material fulfills the requirements of **FTP Code 307 (88) Ed. 2010 Annex 1 Part 2 and 5**

Calorific value to be less than 45 MJ/m² when required.

Note: in view of the calorific value as determined for both thicknesses of the material (2.2 mm and 30.0 mm) compliance with the requirement of calorific value less than 45 MJ/m² can be achieved for a weight of the panel not exceeding 2700 g/m².

The compliance is valid for:

- A total thickness of the finished material not exceeding the range from 2.2 mm to 30.0 mm.
- A total weight of the material not exceeding the range from 1188 g/m² to 16650 g/m².
- Provided no variation is effected from the composition of the materials sent for this type examination certificate; in particular the adhesive shall be MUF 63T.
- In particular, the wood species may not be changed from the one present in the samples submitted to this type examination, therefore the allowed wood species is Okoumè.
- Moreover, no product can be applied, layered, painted on the surface of the material.
- If the material is used in contact (mechanically fixed) with a non-combustible support.

This provided that no variation is effected on any of the components listed above (i.e. all the data reported above remain the same).

Moreover according to Directive 2014/90/EU, Annex II Paragraph 3, a project examination and a risk evaluation have been carried out.

Concerning this aspect, the Sponsor has declared that the applicable standard cover all the reasonable risk that can be foreseen. This Notified Body maintains such a declaration in the files relative to the product object of this EC Type Examination.

The present EC - Type Examination N°0987/MED-B/983 was issued on the base of the type tests on references no. 1099/17 and no. 2865/17 as validated by tests on reference no. 2092/22 and no. 480.P/23.

Product	Test Report	Issued by
TORO/APIROS/OKOUME' (Nom. Thick.: 2.2 mm)	<ul style="list-style-type: none"> • 1099.4IM0080/17 - 2865.4IM0080/17 - Smoke and Toxicity test in accordance to FTP Code 307 (88) Ed. 2010 Annex 1 Part 2 • 1099.4IM0090/17 - 2865.4IM0090/17 Measure of gross calorific value in accordance to FTP Code 307 (88) Ed. 2010 Annex 1 Part 5 	LAPI Laboratorio Prevenzione Incendi S.p.A. - Italy - Notified Testing Body N° 0987
TORO/APIROS/OKOUME' (Nom. Thick.: 30.0 mm)	<ul style="list-style-type: none"> • 1099.4IM0100/17 - 2865.4IM0100/17 - Surface flammability test in accordance to FTP Code 307 (88) Ed. 2010 Annex 1 Part 5 • 2092/22 - Smoke Opacity test and Surface flammability test in accordance to FTP Code 307 (88) Ed. 2010 Annex 1 Part 2 and 5 	EN 17025 Accredited Laboratory IMO Testing Laboratory SSE.1 / Circ. 3 Rev. 2 (2019)

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