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Notification N°0987

Item: MED/3.18 a, MED/3.18 c

Certificate N°0987/MED-B/849 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) 2021/1158 of 23th June 2021

Certificate N° 0987/MED-B/849 Rev. 1

This Certificate consists of 2 pages

This is to certify that the product

SURFORMA® HPL FR IMO

(Thickness Range: from 0.8 mm to 1.2 mm)

Item: MED/3.18 a and MED/3.18 c

Product type:

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

Supplied / Manufactured by:

SURFORMA S.A.

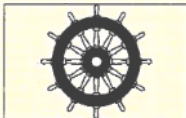
Via Norte - 4470-177 Maia - Portugal

**Complies with the requirements in the following Regulations/Standards:
Annex B, Module B in the above Directive and as applicable:**

- SOLAS Reg. II-2/3, Reg. II-2/5, Reg. II-2/6, Reg. II-2/9, Reg. X/3
- SOLAS 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) (2000HSC Code) 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° 164.112/EC0987/MED849 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 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 n. 1 differs from the Certificate 0987/MED-B/849 issued on 18/11/2019 only for the update of the manufacturer's company name as required by the sponsor and manufacturer.

Prato, 06/12/2021

The Technical Director

PROPOSED

Luca Ermini

The Certification Manager

APPROVED

David Borsini

This certificate is valid until 17/11/2024

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 13 September 2016 N° 861/2016.

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Product description:

Appearance: HPL (High Pressure Laminate) laminate, with a grey decorative side and a rough back side.

Composition : 60÷70% Paper / Cellulose fiber and Cured with 30÷40% Thermosetting resins.

Technical data of the material (*):

| Material | Composition | Weight (g/m ²) |
|-----------------|---|------------------------------------|
| External layer | no. 1 Sheet of decorative paper impregnated with melamine resin | 90 (paper) 52% (content resin) |
| Internal layers | no. 3÷6 Sheets of kraft paper impregnated with phenolic resin | 190 (paper) 31% (content resin) |

Range thickness : 0.8÷1.2 mm. - Nominal density : 1.35 g/cm³.

Flame retardant treatments : no (in the bulk).

Side exposed : the decorative grey surface.

Laying mode : glued with Adesilex MT32 adhesive in water dispersion by Mapei S.p.A. in ratio about of 500 g/m² on non-combustible support (calcium silicate slabs, nominal thickness 25 mm, density 870 kg/m³, complying with FTP Code 307 (88) Ed. 2010 Annex 1 Part 5 Appendix 1 point 3.5).

Production batches by the Sponsor: no. OP 11110026465 on date 26th September 2019 in the factory SURFORMA S.A. (previously Sonae Industria de Revestimentos S.A.) located in Via Norte, 4470-177 Maia – Portugal.

Applications / Limitations of use

The material fulfils the requirements of **FTP Code (2010) Annex 1, Part 2 and 5** as decorative veneer for walls, ceilings and floors.

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

Colours: see above.

The compliance is valid provided the following points are fulfilled:

1. The composition of the laminate HPL is the same as the declared one.
2. The range thicknesses (from 0.8 mm to 1.2 mm) of the HPL laminate remain the same as declared to which a tolerance of ± 5% may be added.
3. For the application of the material on non – combustible substrates, using adhesive in water dispersion Adesilex MT32 by Mapei S.p.A in ratio of 500 g/m² (nominal).
4. The material cannot be applied on any combustible substrate.

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.

Type approval documentation

| Product | Test Report | Issued by |
|---|---|--|
| SURFORMA® HPL FR IMO (Thickness Range: 0.8÷1.2 mm) | <ul style="list-style-type: none"> • 2066.4IM0080/19 - 2067.4IM0080/19 Smoke and Toxicity test in accordance to FTP Code 307 (88) Ed. 2010 Annex 1 Part 2 • 2066.4IM0090/19 - 2067.4IM0090/19 Measure of gross calorific value in accordance to FTP Code 307 (88) Ed. 2010 Annex 1 Part 5 • 2066.4IM0100/19 - 2067.4IM0100/19 Surface flammability test 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 EN 17025 Accredited Laboratory IMO Testing Laboratory SSE.1 / Circ. 1 |

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