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Notification N°0987

Item: MED/3.18a - MED/3.18c
Certificate N°0987/MED-B/842

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) 2018/773 of 15th May 2018

Certificate N° 0987/MED-B/842

This Certificate consists of 2 pages

This is to certify that the product

ALUBEN

(Nom. Thickness: 20 mm)

Item: MED/3.18a - MED/3.18c

Product type:

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

Supplied / Manufactured by:

BENCORE S.r.l.

Via San Colombano, 9 - 54100 MASSA (MS) - Italy

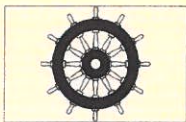
Complies with the requirements in the following Regulations/Standards:

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° 164.112-164.117/EC0987/MED842 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.

Prato, 01/08/2019

The Technical Director

PROPOSED

Luca Ermini

The Certification Manager

APPROVED

Massimo Borini

This certificate is valid until 31/07/2024

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.

Product description:

Appearance: sandwich composite panels having a honeycomb core made of plastic material and both the external skins made in pre-painted aluminium sheets.

Technical data of the material (*):

Overall nominal thickness	20 mm	
Overall nominal weight of the material	6460÷6500 g/m ²	
Material	Composition (%)	Weight (g/m ²)
External layer (skin)	Pre-painted aluminium - Paint thickness : 5 µm. Nominal thickness : 0,5 mm.	1350
Intermediate layer (core)	Recycled polycarbonate honeycomb Nominal thickness : 19 mm.	3600
External layer (skin)	Pre-painted aluminium - Paint thickness : 5 µm. Nominal thickness : 0,5 mm.	1350
Assembling	Hot Melt Bonding type with reactive polyurethane glue (PUR)	80÷100 (for side)

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

Laying mode: mechanically fixed.

The sampling of the specimens has been effected by the Sponsor from the production batch n° 1 c/o the factory BENCORE S.r.l. located in Via San Colombano, 9 - 54100 MASSA (MS), on 21st June 2019.

Note: for the composition and the detailed technical data of the glue used, refer to the sheets of workmanship control managed by the Sponsor.

Applications / Limitations of use

- The material fulfils the requirements of **2010 FTP Code Annex 1, Part 5** and Annex 1, Part 2.
- Not to be used where limitation of calorific value to be less than 45 MJ/m² is required.

The compliance is valid for:

1. The thickness of 20 mm
2. The weight of 6460÷6500 g/m²
3. Independently of the colour of the paint, as long as the thickness of the paint does not exceed the value of 5 µm
4. For the use as a floor covering applied over any low flame-spread floor covering, or non combustible material (2010 FTP Code Annex 1 Part 5 Appendix 4 § 3),
5. For the use as wall / ceiling mounted on metallic or non combustible substrates (2010 FTP Code Annex 1 Part 5 Appendix 4 § 3)

The compliance is valid moreover provided the following points are fulfilled:

1. The composition of the product remains the same
2. The weight of the components of the product remains the same as given in the technical data sheet.
3. The total weight of the product shall not be higher than the declared one (6460÷6500 g/m²).
4. The thickness of the components and the total thickness remains the same as the one given in the technical data sheet. In particular, the thickness of the paint may not exceed 5 µm.

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
ALUBEN (Nom. Thickness: 20 mm)	<ul style="list-style-type: none"> • 1397.4IM0080/19 Smoke and Toxicity test in accordance to FTP Code 307 (88) Ed. 2010 Annex 1 Part 2 • 1397.4IM0090/19 Measure of gross calorific value in accordance to FTP Code 307 (88) Ed. 2010 Annex 1 Part 5 • 1397.4IM0100/19 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

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

