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w e b s i t e : w w w . l a b o r a t o r i o l a p i . i t

Notification N°0987

MED annex A.1 item: A.1/3.1
Certificate N°0987/MED-B/277

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 by Commission Directives 98/85/EC, 2001/53/EC and **as amended by Commission Directive 2002/75/EC and 2008/67/EC**

Certificate N° 0987/ MED-B/277

This Certificate consists of 2 pages

This is to certify that the product

SIKAFLOOR MARINE 120

(Thickness 30 mm)

MED annex A.1 item: A.1/3.1

Product type:

PRIMARY DECKS COVERING

Sponsor:

SIKA ITALIA S.p.A.

Via E. Casati, 4 - 22100 COMO (CO) - ITALY

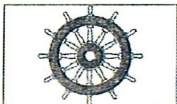
Complies with the requirements in the following Regulations/Standards:

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

- SOLAS 74 as amended Reg II-2/4, II-2/6, IMO Res. MSC.36(63)-(1994 HSC Code) 7, IMO Res. MSC.97(73)-(2000 HSC Code) 7,
- IMO Res MSC. 61(67) Annex 1, Parts 6, Annex 2, IMO MSC /Circ. 1004 and where applicable Annex 2.2.2 for material not generating excessive quantities of smoke and toxic products in fire

This product has been assigned a U.S. Coast Guard Module B number N° 164.106/EC0987/MED277 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, 15/03/2010

Signatures: Dr. Luca Ermirni - The Technical Director of Notified Body N°0987

Dr. Massimo Borsini - The Certification Manager

This certificate is valid until 14/03/2015

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 February 2008 N° 98/2008.

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Notification N°0987

MED annex A.1 item: A.1/3.1
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Product description:

Appearance: grey material deposited on a calcium silicate slab (non-combustible support) .
Composition: 8.49% Organic substances (of which: 8.1% Vinyl acetate and ethylene copolymer - 0.1% Cellulose and its derivates - 0.05% Polypropylene - Organic additives complement to 8.49%) - 25.86% Cement binders - 64.70% Mineral aggregates - Additives complement to 100%
Thickness: ≈ 30 mm - Density: ≈ 1.08 kg/l.
Side in view: surface with deposited material.
Production batch: n. 69119025-0140/07 on 27/11/2009 in the plant in Via E. Casati, 4 - 22100 COMO (CO) - Italy

Applications/Limitations

The material fulfils the requirements of **FTP Code MSC 61 (67) Annex 1, Part 6** and where applicable Annex 2.2.2 for material not generating excessive quantities of smoke and toxic products in fire. Calorific value to be less than 45 MJ/m² when required.

The compliance is valid provided the following points are fulfilled:

1. the composition of the product remains the same as declared in the point of the product description reported above; in particular, the overall organic substance content may not exceed the percentage reported above.
2. No other component may be added, layered or applied anyhow on the material tested without re-appraisal of the compliance.
3. for non metallic non combustible substrates having density not less than 0.75 X (Density of the substrate used) = 0.75x800 kg/m³ = 600 kg/m³ (IMO MSC/Circ. 1004) or
4. for non metallic non combustible substrates having thickness not less than 6 mm (IMO MSC/Circ. 1004)

Type approval documentation :

Product	Test Report	Issued by
SIKAFLOOR MARINE 120 (Thick. 30 mm)	<ul style="list-style-type: none">• 241.4IM0090/10 - Measure of gross calorific value in accordance to FTP Code MSC 61 (67) Annex 1 part 5 ISO 1716 (1973)• 241.4IM0100/10 - Test for primary decks covering in accordance to FTP Code MSC 61 (67) Annex 1 part 6 Imo Res. A. 657 (17), and IMO MSC/Circ 1004	LAPI Laboratorio Prevenzione Incendi SpA - Italy - Notified Testing Body N° 0987 EN 17025 Accredited Laboratory IMO Testing Laboratory FP 039

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