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Notification N°0987

MED annex A.1 item: A.1/3.18 (c) - A.1/3.1
Certificate N°0987/MED-B/444

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 2009/26/EC last amendment by DIRECTIVE 2010/68/UE of 22nd October 2010**

Certificate N° 0987/MED-B/444

This Certificate consists of 2 pages

This is to certify that the product
SIKAFLOOR MARINE THERMOLIGHT N
 (Thick. 25 mm)



MED annex A.1 item: A.1/3.18 (c) - A.1/3.1

Product type:

SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD CHARACTERISTICS: FLOOR COVERINGS and PRIMARY DECKS COVERING

Supplied / Manufactured by:

SIKA ITALIA S.p.A.
Via E. Casati, 4 - 22100 COMO (CO) - ITALY

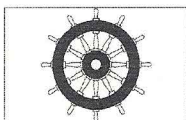
Complies with the requirements in the following Regulations/Standards:

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

- SOLAS 74 as amended, Reg. II-2/3, Reg. II-2/4, Reg. II-2/5, Reg. II-2/6, Reg. II-2/9, Reg. X/3,
- Reg. X/3IMO Res A.653 (16), IMO Res MSC. 61(67), Annex 1 part 2, part 5 or part 6 Annex 2 and where applicable Annex 2.2.2 for material not generating excessive quantities of smoke and toxic products in fire
- IMO Res. MSC.36(63)-(1994 HSC Code) 7, IMO Res. MSC.97(73)-(2000 HSC Code) 7.
- FTP Code MSC 61 (67) Annex 1 , IMO MSC/Circ 916 as Integrated by IMO MSC/Circ 1008 and where applicable IMO MSC/Circ 1004, IMO MSC/Circ 1102, IMO MSC/Circ 1120.

This product has been assigned a U.S. Coast Guard Module B number N° 164.117-164.106/EC0987/MED444 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, 25/05/2012

The Certification Manager

Dr. Massimo Borsini

The Technical Director

Dr. Luca Ermini

This certificate is valid until 24/05/2017

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 26th October 2004 N° 825 and Decreto Ministeriale 1 February 2008 N° 98/2008.



Product description:

Appearance: grey material deposited on a calcium silicate slab (non-combustible support).
Composition: 12.47% Organic substances (of which: 8.1% Vinyl acetate and ethylene copolymer - 0.1% Cellulose and its ethers - 0.05% Polypropylene - 3.98% Expanded polystyrene - Organic additives complement to 12.47%) - 24.68% Cement binders - 62.70% Mineral aggregates - Additives complement to 100%
Thickness: ≈ 25 mm - Density: ≈ 0.580 kg/l.
Side exposed: surface with deposited material.
Production batch: n° 69012034-0012/1 on 23/01/2012 in the plant sited 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 5, Part 6 and 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. For the thickness submitted for testing (25 mm) as lower and higher values of thickness have not been tested.
2. 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
3. For non metallic non combustible substrates having thickness not less than 6 mm (IMO MSC/Circ. 1004)

The compliance is valid moreover provided the composition of the material remains the same as the one declared; in particular the total percentage of organic substances and the percentage of the single organic components are not allowed to change from the above reported values.

Type approval documentation

Product	Test Report/Data	Issued by
SIKAFLOOR MARINE THERMOLIGHT N (Thick. 25 mm)	<ul style="list-style-type: none"> • 682.4IM0100/12 - Surface flammability test in accordance to FTP Code MSC 61 (67) Annex 1 part 5 Imo Res. A. 653 (16), Annex 1 Part 6 IMO Res. A. 687(17), and IMO MSC/Circ 1004 • 682.4IM0090/12 - Measure of gross calorific value in accordance to FTP Code MSC 61 (67) Annex 1 part 5 ISO 1716 	<p>LAPI Laboratorio Prevenzione Incendi SpA - Italy - Notified Testing Body N° 0987 EN 17025 Accredited Laboratory IMO Testing Laboratory FP.1 / Circ. 41</p>

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

