EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED374720CS/001

This is to certify *that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2020/1170.*

MED Item N°	**MED/3.18b**
Description	**Surface materials and floor coverings with low flame-spread characteristics: (b) paint systems**
Type	**NVM "NAVAL METALLIC SYSTEM PAINT"**
Applicant	**NAVAL INTERIOR S.R.L.** CONTRADA FARGIONE, SNC, ZONA INDUST. MODICA - POZZALLO 97015 Modica (RG) ITALY
Testing standards	**IMO Res. MSC.307(88)-(2010 FTP Code)**
Reference standards	**Chap. II-2 and X of SOLAS 74 Convention, as amended, RINA Rules for the certification of Marine Equipment**

Issued in Genoa on
November 18, 2020

This Certificate is valid until
November 15, 2025

This Certificate consists of this sheet plus an attachment

Enrico Cabella
RINA Services S.p.A.

This document is a copy of a digitally signed file available on Rina Web Site: http://www.rina.org

RINA Services S.p.A.
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ATTACHMENT TO CERTIFICATE No. MED374720CS/001

Manufacturer
NAVAL INTERIOR S.R.L.

Place of Manufacturer
CONTRADA FARGIONE, SNC, ZONA INDUST. MODICA - POZZALLO
97015 Modica (RG)
ITALY

Product description

Painting system composed of 4 layers:
1st layer: Naval Primer Epoxy (mass per area: 30 g/m², thickness: 0.035 mm);
2nd layer: Naval Polyacrylic (mass per area: 50 g/m², thickness: 0.060 mm);
3rd layer: Naval Dilutable Matt (mass per area: 10 g/m², thickness: 0.010 mm);
4th layer: Naval Acrylic Trasparent (mass per area: 20 g/m², thickness: 0.020 mm).

- Mass per area (g/m^2): 110 ± 10%
- Thickness (mm): 0.125 ± 30%

Field of application

As finishing material for all exposed interior and concealed or inaccessible surfaces. The product may be applied to any metallic support having a thickness ≥ 0,45 mm.

On the basis of the value of the total heat release (Q_t) and on the basis of the value of the peak heat release (q_p) the material is deemed not generating excessive quantities of smoke nor toxic products in fire according to Annex 2 IMO 2010 FTP Code.

Tests carried out

Tests as per RINA Test Laboratory reports Nos. 2015CS011981/1 and 2015CS011981/3 dated 17 November 2015 issued according to:

- IMO 2010 FTP Code Part 5;
- ISO 1716: 2010.

This certificate annuls and replaces the certificate No. MED198115CS/001 dated 11/17/2015 due to renewal.

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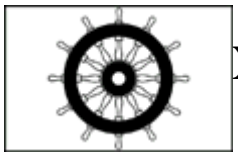
The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX *Notified Body number undertaking surveillance module*

YY *Last two digits of year mark affixed*

General conditions for the approval

a) The initial conditions verified by RINA at the time of the approval are to be maintained

b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment

c) This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA

d) RINA personnel are to be allowed to witness during the performances of activities, upon their request

e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules

f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.

Enrico Cabella

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