EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED329022CS

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) 2022/1157.*

MED Item N°	**MED/3.18b**
USCG Category N°	**164.112**
Description	**Surface materials and floor coverings with low flame-spread characteristics: (b) paint systems**
Type	**RIVESTIMENTI CON VERNICI A LIQUIDO**
Applicant	**ATENA SPA** VIA ALCIDE DE GASPERI 52 30020 Gruaro (VE) 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 7, 2022

This Certificate is valid until
November 6, 2027

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.
Via Corsica, 12 - 16128 Genova - Italia
Tel. +39 010 53851
Fax. +39 010 5351000

ATTACHMENT TO CERTIFICATE No. MED329022CS

Manufacturer
ATENA SPA

Place of Manufacturer
VIA ALCIDE DE GASPERI 52
30020 Gruaro (VE)
ITALY

Product description

Painting system composed of 2 layers:
1st layer: two-component epoxy primer named “SERIE 364” produced by “INDUSTRIA COLORI FREDDI S. GIORGIO S.r.l.” (mass per area 250 g/m² ± 20%, thickness: 0.040 mm ± 20%);
2nd layer: two-component matt finish named “SERIE 610” produced by “INDUSTRIA COLORI FREDDI S. GIORGIO S.r.l.” (mass per area: 200 g/m² ± 20%, thickness: 0.040 mm ± 20%).)

- Mass per area (g/m^2): 450 ± 20%
- Thickness (mm): 0.080 ± 20%

Field of application

As finishing material for all exposed interior and concealed or inaccessible surfaces (paint system).

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 No. 2022CS013290/1 and 2022CS013290/2 dated 7 November 2022 issued according to:

- IMO 2010 FTP Code Part 5
- IMO 2010 FTP Code Part 2

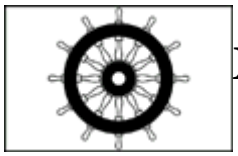
This certificate annuls and replaces the certificate No. MED274517CS/001 dated 10/05/2017 due to renewal with new test.

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

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova - Italia
Tel. +39 010 53851
Fax. +39 010 5351000

ATTACHMENT TO
CERTIFICATE No. MED329022CS

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*

USCG Approval marking

This equipment is covered by the scope of the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment signed February 27th, 2004 and amended by Decision No. 1/2018 dated February 18th, 2019 according to U.S. Coast Guard approval category **164.112**.

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F) as allowed by the MED.

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

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

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova - Italia
Tel. +39 010 53851
Fax. +39 010 5351000