



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED439021CS/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) 2021/1158.

MED Item N°

MED/3.18b

Description

Surface materials and floor coverings with low flame-spread characteristics: (b) paint systems

Type

HYBRID MED

Applicant

RIPOL SRL UNIPERSONALE

VIA DONATORI DI SANGUE 25/A
20010 Santo Stefano Ticino (MI)
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

October 18, 2021

This Certificate is valid until

July 10, 2026

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>



**ATTACHMENT TO
CERTIFICATE No. MED439021CS/001**

Page 1 of 2

Manufacturer

RIPOL SRL UNIPERSONALE

Place of Manufacturer

VIA DONATORI DI SANGUE 25/A
20010 Santo Stefano Ticino (MI)
ITALY

Product description

Painting system composed of a layer of powder paint based on epoxypolyester resins.

- Mass per area (g/m^2): $107,9 \pm 10\%$
- Thickness (mm): $0.070 \pm 10\%$

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 $\geq 0,6$ 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

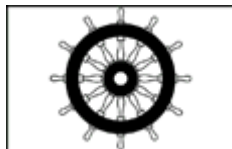
Tests as per RINA Test Laboratory reports Nos. 2016CS011909/1 and 2016CS011909/3 dated 7 July 2016 issued according to:

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

This certificate annuls and replaces the certificate No. MED190916CS/001 dated 07/12/2016 due to renewal.

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

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

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