



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED152626CS

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) 2025/1533.

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

MP3

Applicant

MARCEGAGLIA CARBON STEEL S.P.A.

VIA DEI BRESCIANI 16

46040 Gazoldo Degli Ippoliti (MN)

ITALY

Testing standards

IMO Res. MSC.307(88)-(2010 FTP Code), as amended.

Reference standards

SOLAS 74 Reg. II-2/3, SOLAS 74 Reg. II-2/5, SOLAS 74 Reg. II-2/6, SOLAS 74 Reg. X/3, IMO Res. MSC.36(63)-(1994 HSC Code) 7, IMO Res. MSC.97(73)-(2000 HSC Code) 7, IMO MSC/Circ.1120.

Issued in Genoa on

March 4, 2026

This Certificate is valid until

January 18, 2031

This Certificate consists of this sheet plus an attachment

This document is electronically signed by

Enrico Cabella

RINA Services S.p.A.



**ATTACHMENT TO
CERTIFICATE No. MED152626CS**

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Manufacturer

MARCEGAGLIA RAVENNA S.P.A.

Place of Manufacturer

VIA BAIONA 141

48123 Ravenna (RA)

ITALY

Product description

Painting system composed of the following layers from the face exposed to fire:

- 1st layer: finishing enamel M1305, thickness 0.025 mm, density 1543 kg/m³, white colour;
- 2nd layer: primer MP301, thickness 0.005 mm, density 1399 kg/m³, grey colour;
- 3rd layer: HDG galvanised steel, thickness 0.58 mm, density 7850 kg/m³;
- 4th layer: back coat MB308, thickness 0.007 mm, density 1475 kg/m³, grey colour.

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 ≥ 0.44 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.

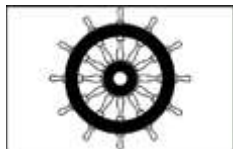
Tests carried out

Tests as per Istituto Giordano Test report No. 374946 dated 16 September 2020 issued according to:

- IMO 2010 FTP Code Part 5

This certificate annuls and replaces the certificate No. MED004721CS dated 01/20/2021 due to renewal.

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 not 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.

This document is electronically signed by

Enrico Cabella

RINA Services S.p.A.