



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED393824CS

***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) 2024/1975.

<i>MED Item N°</i>	<b>MED/3.18b</b>
<i>USCG Category N°</i>	<b>164.112</b>
<i>Description</i>	<b>Surface materials and floor coverings with low flame-spread characteristics: (b) paint systems</b>
<i>Type</i>	<b>PREVERNICIATO ARV NAV</b>
<i>Applicant</i>	<b>ACCIAI RIVESTITI VALDARNO S.R.L.</b> VIA PERUZZI, 58 52027 San Giovanni Valdarno (AR) ITALY
<i>Testing standards</i>	<b>IMO Res. MSC.307(88)-(2010 FTP Code)</b>
<i>Reference standards</i>	<b>Chap. II-2 and X of SOLAS 74 Convention, as amended, RINA Rules for the certification of Marine Equipment</b>

*Issued in Genoa on*  
September 6, 2024

*This Certificate is valid until*  
September 5, 2029

*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. MED393824CS**

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*Manufacturer*

**ACCIAI RIVESTITI VALDARNO S.R.L.**

*Place of Manufacturer*

VIA PERUZZI, 58  
52027 San Giovanni Valdarno (AR)  
ITALY

**Product description**

Painting system composed of 2 layers:

1<sup>st</sup> layer: polyester primer named “ISVAPRIME110 BIANCO 48027” (humid mass per area: 39.55 g/m<sup>2</sup>, dry thickness: 0.01 mm) produced by “The Sherwin-Williams Company ISVA VERNICI Srl” (Orbassano – TO);

2<sup>nd</sup> layer: finish named “ARV INNOVATIVE WIP XXX” (humid mass per area: 157.44 g/m<sup>2</sup>, dry thickness: 0.043 mm) produced by Acciai Rivestiti Valdarno Div. Innovative (Narni – TR).

- Humid mass per area (g/m<sup>2</sup>): up to 196.99
- Dry mass per area (g/m<sup>2</sup>): up to 70.69
- Dry thickness (mm): up to 0.053

**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  $\geq 0.52$  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.

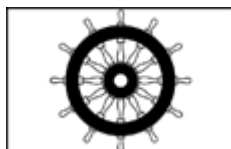
**Tests carried out**

Tests as per RINA Test Laboratory reports Nos. 2019CS012814/3 and 2019CS012814/4 dated 20 September 2019 issued according to:

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

This certificate annuls and replaces the certificate No. MED281419CS dated 09/23/2019 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.

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**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**

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**RINA Services S.p.A.**