



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED281419CS

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) 2018/773.

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

Issued in Genoa on
September 23, 2019

This Certificate is valid until
September 22, 2024

This Certificate consists of this sheet plus an attachment

Enrico Cabella
RINA Services S.p.A.

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ATTACHMENT TO
CERTIFICATE No. MED281419CS

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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:

1st layer: polyester primer named "ISVAPRIME110 BIANCO 48027" (humid mass per area: 39.55 g/m², dry thickness: 0.01 mm) produced by "The Sherwin-Williams Company ISVA VERNICI Srl" (Orbassano – TO);

2nd layer: finish named "ARV INNOVATIVE WIP XXX" (humid mass per area: 157.44 g/m², dry thickness: 0.043 mm) produced by Acciai Rivestiti Valdarno Div. Innovative (Narni – TR).

- Humid mass per area (g/m²): up to 196.99
- Dry mass per area (g/m²): 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 ≥ 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.

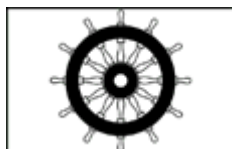
Tests carried out

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.

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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.



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