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Item: MED/3.18b
Notification N°0987 Certificate N°0987/MED-B/1056

MRA Mutual Recognition Agreement on Marine Equipment EC-US

EC TYPE-EXAMINATION CERTIFICATE (Module B)

Application Of:

DIRECTIVE 2014/90/EU of 23rd July 2014 and REGULATION (EU) 2023/1667 of 08th August 2023

Certificate N° 0987/MED-B/1056

This Certificate consists of 1 page and 1 Annex

This is to certify that the products

ARVCOATED STANDARD

(Thickness of metallic support ≥ 0.5 mm)
(Nom. Thickness of painting cycle: 25 μ m)

Item: MED/3.18b Row 1 of 1

Product type:

SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD CHARACTERISTICS: PAINTING SYSTEMS

Supplied / Manufactured by:

Acciaieria Arvedi S.p.A.

Via Acquaviva, 18 - 26100 Cremona (CR) - Italy

Complies with the requirements in the following Regulations/Standards:

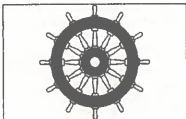
Annex B, Module B in the above Directive and as applicable:

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

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 on 27 February 2004 and amended by Decision No.1/2018 dated 18 February 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 MRA.

Further details of the product and conditions for certification are given in the Annex



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 the Directive is fully complied with.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with, the notified body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards of the Commission Implementing Regulation may change, therefore the product conformity may need to be re-assessed by the Notified Body.

Prato, 22/05/2024

The Technical Director

PROPOSED
Luca Ermini

The Certification Manager

APPROVED
David Borsini

This certificate is valid until 21/05/2029

This Certificate is issued under the Authority of Ministero delle Infrastrutture e dei Trasporti Comando Generale del Corpo delle Capitanerie di Porto according to decreto dirigenziale N° 90/2021 of 08th February 2021.

Annex to EC Type-Examination Certificate (Module B)

Product description:

Appearance: metallic plate (non-combustible support) with painted cycle.

Painting cycle :

Denomination of the material	ARVCOATED STANDARD	
Description of the material	Prepainted galvanized steel (PPGI)	
Overall thickness of the cycle	25 µm (Side A)	
Overall weight of the cycle	30 g/m ²	
Component	Composition	Weight (g/m²)
A) Painting cycle		
TOP COAT	Salchi Metalcoat by SALCHI - Polyester paint - Nominal thickness : 20 µm	24
PRIMER	BECKRYPRIM 200 - AP0001 PRIMER BIANCO SML by Group Beckers Epoxy primer - Nominal thickness : 5 µm	6
B) Non-combustible support		
Support	Galvanized steel plate - Thickness (nominal value): 0.44 mm	3910

Side exposed : surface painted. - Main use : linings for walls/ceilings (painting cycle).

Production batch by the Sponsor: n° 534003084 + 534003087 on 2nd March 2024 (Re. Lab. no. 739/24); n° 534000839 on 26th January 2024 (Re. Lab. no. 740/24); and 514001730 on 29th February 2024 (Re. Lab. 741/24) c/o the factory of Acciaieria Arvedi S.p.A. located in Via Acquaviva, 18 - 26100 Cremona (CR).

Note: integrative tests have been effected on Laboratory references no. 739 – 740 – 741 /24 to validate the renewal of this Module B. The data obtained are reported in Test Report no. 741.4IM0100/24.

Technical File Reference: 199/24

Applications / Limitations of use

The material fulfils the requirements of **FTP Code (2010) Annex 1, Part 2 and 5**

Calorific value to be less than 45 MJ/m² when required.

The compliance is valid for the all the colours provided the following points are fulfilled:

1. The supplier of the paint system are only the ones reported above.
2. A total thickness of the nominal finished paint layer not exceeding 25 µm, at which a tolerance of 10% may be added.
3. A total weight of the paint not exceeding 30 g/m².
4. The paint is applied on any metal substrate having thickness ≥ 0.5 mm in accordance with FTP Code (2010) Appendix 4 paragraph 3.

This provided that no variation is effected on any of the components listed above (i.e. all the data reported above remain the same).

Moreover according to Directive 2014/90/EU, Annex II Paragraph 3, a project examination and a risk evaluation have been carried out.

Concerning this aspect, the Sponsor has declared that the applicable standard cover all the reasonable risk that can be foreseen.

This Notified Body maintains such a declaration in the files relative to the product object of this EC Type Examination.

Type approval documentation

Product	Test Report	Issued by
ARVCOATED STANDARD (Thickness of metallic support ≥ 0.5 mm) (Nom. Thickness of painting cycle: 25 µm)	<ul style="list-style-type: none"> • 741.4IM0100/24 - Surface flammability test in accordance to IMO FTP Code 2010 - Resolution MSC 307(88) - Annex 1 - Part 5 	LAPI Laboratorio Prevenzione Incendi S.p.A. - Italy - Notified Testing Body N° 0987 EN 17025 Accredited Laboratory IMO Testing Laboratory SSE.1 / Circ. 3 Rev. 2 (2019)

