



## EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED274517CS/001

***This is to certify*** that RINA Services S.p.A. 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 (EU) 2017/306.

*MED Item N°*

**MED/3.18b**

*Description*

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

*Type*

**RIVESTIMENTI CON VERNICI A LIQUIDO**

*Applicant*

**ATENA SPA**

VIA DE GASPERI, 52

30020 Gruaro (VE)

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 5, 2017

*This Certificate is valid until*

July 29, 2022

*This Certificate consists of this sheet plus an attachment*

**Enrico Cabella**

RINA Services S.p.A.

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*Manufacturer*  
**ATENA SPA**

*Place of Manufacturer*  
VIA DE GASPERI, 52  
30020 Gruaro (VE)  
ITALY

**Product description**

Painting system composed of two layers:

1<sup>st</sup> layer: two component epoxy based Zinc phosphate product named FONDO EPOSSIDICO 364 (thickness  $0,025 \pm 20\%$  mm)

2<sup>nd</sup> layer: aluminium metallized acrylpolyurethanic based enamel named ISOCRIL 612.8801 (thickness  $0,025 \pm 20\%$  mm)

- o Film thickness range (mm):  $0.050 \pm 20\%$

**Field of application**

As bulkhead and ceiling finishing material. 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 Res. MSC. 61(67).

**Tests carried out**

Tests as per RINA Test Laboratory report No. 2004CS012385/3 dated 17 June 2004 issued according to IMO Res. A.653(16).

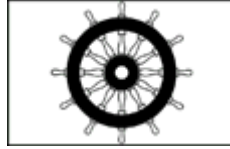
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*The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written 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*

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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 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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**Enrico Cabella**

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