



# EC TYPE EXAMINATION (MODULE B)

**CERTIFICATE No. MED028225CS**

***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.

*MED Item N°*

**MED/3.18a**

*USCG Category N°*

**164.112**

*Description*

**Surface materials and floor coverings with low flame-spread characteristics: (a) decorative veneers**

*Type*

**LAMINAM 2+, LAMINAM 3+, LAMINAM 5+, LAMINAM 12+, LAMINAM 20+**

*Applicant*

**LAMINAM S.P.A.**

VIA GHIAROLA NUOVA 258

41042 Fiorano Modenese (MO)

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*

**May 20, 2025**

*This Certificate is valid until*

**May 19, 2030**

*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. MED028225CS**

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*Manufacturer*  
**LAMINAM S.P.A.**

*Place of Manufacturer*  
VIA GHIAROLA NUOVA 258  
41042 Fiorano Modenese (MO)  
ITALY

**Product description**

Porcelain gres reinforced, on the back, with fiberglass (thickness 0.25 mm, mass per area 200 g/m<sup>2</sup> or 155 g/m<sup>2</sup>). The fiberglass is glued to the porcelain back by means of polyurethane adhesive in the amount of 250 g/m<sup>2</sup> or 190 g/m<sup>2</sup>.

Porcelain gres thickness range (mm): from 2.6 to 20.5.

The table below specifies the different kind of item with reference to the thickness:

Item	Thickness (mm)
LAMINAM 2+	2.6
LAMINAM 3+	3.5
LAMINAM 5+	6.0
LAMINAM 12+	12.5
LAMINAM 20+	20.5

**Field of application**

As finishing material for all exposed interior and concealed or inaccessible surfaces (decorative veneer).

When intended for bulkhead and ceiling the product may be applied to any non-combustible support having a thickness equal to or greater than 12 mm and a density  $\geq 652.5 \text{ kg/m}^3$  or any metallic support having a thickness  $\geq 0.6 \text{ mm}$ .

As floor covering.

When intended for decks the product may be applied to any metallic support, any non-combustible support and any material having low flame spread characteristics.

The product is glued to the substrate by means of 4000 g/m<sup>2</sup> or 5000 g/m<sup>2</sup> of glue type produced by Mapei.

For thickness equal to or greater than 3.5 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.

On the basis of the values above the material is exempted from testing in accordance to standard ISO 1716. It will be expected to satisfy a requirement of maximum gross calorific value (e.g., 45 MJ/m<sup>2</sup>) without further testing.

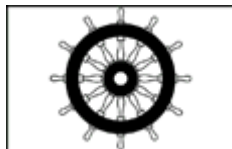
Only for thickness equal to 2.6 mm applied on metallic support, in case of use on surfaces and linings as specified in paragraph 3.2.1 of SOLAS 1974 Chapter II-2 Reg. 5, where the calorific value shall not exceed 45 MJ/m<sup>2</sup> for the thickness used as required in paragraph 3.2.2, the use of the certified product must be evaluated.

**Tests carried out**

- Tests as per RINA Test Laboratory Reports Nos. 2016CS01170/1 and 2016CS01170/2 dated 29 March 2016 issued according to IMO 2010 FTP Code Part 5.
- Tests as per CSI Test Laboratory Reports Nos. 0788/DC/REA/25 and 0788/DC/REA/25\_2 dated 6 May 2025 issued according to IMO 2010 FTP Code Part 5.
- Tests as per RINA Test Laboratory Report No. 2025CS01282 dated 12 May 2025 issued according to IMO 2010 FTP Code Part 2.

This certificate annuls and replaces the certificate No. MED060521CS dated 26 March 2021 due to new tests for minimum thickness.

*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.**





## PRODUCTION QUALITY ASSURANCE (MODULE D)

CERTIFICATE No. MED030725RA/002

*This is to certify that RINA Services S.p.A. did undertake the relevant assessment procedures for the quality system of the manufacturer 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) 2024/1975, for the products described in the EC Type Examination Certificates (Module B) listed in the Attachment to this Certificate.*

*Applicant*

**LAMINAM S.P.A.**

VIA GHIAROLA NUOVA 258  
41042 Fiorano Modenese (MO)  
ITALY

*Issued in* RINA Ravenna Marine *on*  
May 20, 2025

*This Certificate is valid until*  
April 14, 2028

*This Certificate consists of this sheet plus an attachment*

*This certificate, in conjunction with the EC TYPE EXAMINATION (MODULE B) CERTIFICATE of the equipment listed in the Attachment, authorises the Manufacturer or his authorised representative established within the Community to affix the "Mark of Conformity" (wheelmark) as reported below.*



0474/(YY)YY

(YY)YY The year (last two or four digits) in which the mark is affixed

### USCG Approval marking

The manufacturer is allowed to affix the U.S. Coast Guard approval number(s) as stated in the Attachment to this Certificate and as allowed by 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. 1/2023 dated May 26th, 2023.



Daniele Pilleri

RINA Services S.p.A.







**ATTACHMENT TO  
CERTIFICATE No. MED030725RA/002**

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<i>Production Site</i>	<i>Production Site Address</i>
LAMINAM S.P.A.	VIA GHIAROLA NUOVA 258 - 41042 Fiorano Modenese (MO) - ITALY

<b>INTERMEDIATE SCHEDULED AND UNSCHEDULED AUDITS</b>			
<b>Due Date</b>	<b>Carried out on</b>	<b>Surveyor's signature</b>	<b>Surveyor's stamp</b>
14/10/2025			
14/04/2026			
14/10/2026			
14/10/2027			
14/04/2028			
<i>Unscheduled</i>			
<i>Unscheduled</i>			

***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) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- d) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- e) RINA may revoke the approval in the case of modifications to requirements or conditions for the approval
- 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.
- g) This certificate loses its validity in case the EC type Examination (Module B) certificate is no more valid.







**ATTACHMENT TO  
CERTIFICATE No. MED030725RA/002**

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EU Type Examination Certificates					
MED Item	Type	Certificate No.	Notified Body	Expire Date	USCG
MED/3.18a	LAMINAM 2+, LAMINAM 3+, LAMINAM 5+, LAMINAM 12+, LAMINAM 20+	MED028225CS	0474	19/05/2030	164.112/EC0474/M ED028225CS





