



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED237524CS/003

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

FLEXIGEL DECORO PREFAB

Applicant

API SPA

LARGO GUIDO DONEGANI 2

20121 Milano (MI)

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 25, 2024

This Certificate is valid until

October 24, 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. MED237524CS/003**

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Manufacturer

API SPA

Place of Manufacturer

VIA TRIESTE 13

16018 Mignanego (GE)

ITALY

Product description

Mixture of inorganic fillers, pigments and additives dispersed in hydroxylated polyols.

The cycle involves the application of FLEXIGEL DECORO PREFAB on a steel plate previously treated with PRIMER GREEN.

- Mass per area FLEXIGEL DECORO PREFAB (g/m^2): 2700 ± 100
- Thickness FLEXIGEL DECORO PREFAB (mm): 2 ± 0.15
- Mass per area PRIMER GREEN (g/m^2): 100 ± 10
- Thickness PRIMER GREEN (mm): 0.085 ± 0.001

The material may also be produced by:

- API SpA, Regione San Marco 7 - 07041 Alghero - SS - ITALY.
- Stonhard, 7 Esterbrook Lane - Cherry Hill - NJ 08003 - USA.
- Stonhard, 1000 E. Park Ave. - Maple Shade - NJ 08052 - USA.

Field of application

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

The product may be applied to any metallic support having a thickness ≥ 2.25 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.

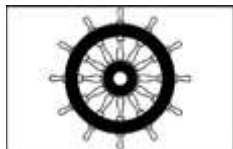
On the basis of the values above the material is exempted from testing in accordance to standard ISO 1716. It will be expected to satisfy a requirement of maximum gross calorific value (e.g., 45 MJ/m^2) without further testing.

Tests carried out

Tests as per RINA Test Laboratory report No. 2024CS012375/4 dated 18 October 2024 issued according to:

- IMO 2010 FTP Code Part 5

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.

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

RINA Services S.p.A.