EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED384625CS/001

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/3.1**
USCG Category N°	**164.106**
Description	**Primary decks covering**
Type	**FLEXIGEL ALLEGGERITO SOTTOFONDO**
Applicant	**API SPA** Largo Guido Donegani 2 20121 Milano (MI) ITALY
Testing standards	**IMO Res. MSC.307(88)-(2010 FTP Code), as amended.**
Reference standards	**SOLAS 74 Reg.II-2/4, 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**

Issued in Genoa on
September 12, 2025

This Certificate is valid until
September 11, 2030

This Certificate consists of this sheet plus an attachment

This document is electronically signed by

Enrico Cabella

RINA Services S.p.A.

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova - Italia
Tel. +39 010 53851
Fax. +39 010 5351000

ATTACHMENT TO
CERTIFICATE No. MED384625CS/001

Manufacturer
API SPA

Place of Manufacturer
VIA TRIESTE 13
16018 Mignanego (GE)
ITALY

Product description

Primary deck covering, composed of three components:
1st basic component: mixture of low density inorganic fillers in hydroxylated polyols and plasticizers;
2nd hardener component: mixture of isocyanate polymers and plasticizers;
3rd filler component 001: aluminum, iron and calcium silicate.

The product is applied on a steel support treated with FLEXIGEL PRIMER PER METALLI in the quantity of 90 ÷ 110 g/m^2 in the wet state.

- Mass per area of FLEXIGEL ALLEGGERITO SOTTOFONDO (g/m^2): 14250 ± 250
- Thickness (mm): 15 ± 0.5

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.

Fields of application

As primary deck covering.
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 report No. 2020CS01978/1 dated 14 September 2020 issued according to:

- IMO 2010 FTP Code Part 5

This certificate annuls and replaces the certificate No. MED288222CS/016 dated 07/06/2022 due to renewal.

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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*

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 **164.106**.
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.

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