



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE Nr. MED011317CS

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) 2015/559.

<i>MED Item N°</i>	A.1/3.18a
<i>USCG Category N°</i>	164.112
<i>Description</i>	Surface materials and floor coverings with low flame-spread characteristics - (a) decorative veneers
<i>Type</i>	SeaProtect dB-Flex Alu
<i>Applicant</i>	SAINT-GOBAIN PPC ITALIA SPA VIA ETTORE ROMAGNOLI, 6 20146 Milano (MI) ITALY
<i>Testing standards</i>	IMO Res. MSC.307(88)-(2010 FTP Code)
<i>Reference standards</i>	Chap. II-2 and X of SOLAS 74 Convention, as amended, RINA Rules for the certification of Marine Equipment

Issued at Genoa on
January 18, 2017

This Certificate is valid until
August 17, 2021

This Certificate consists of this sheet plus an attachment



Massimo Dinale

RINA Services S.p.A.



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Manufacturer

SAINT-GOBAIN PPC ITALIA SPA

Place of Manufacturer

VIA GAETANO DONIZETTI, 32/34
24043 Caravaggio (BG)
ITALY

Product description

Visco-elastic membrane composed of plastics polymers and inert mineral charges.

Thickness (mm)	1,5
Density (kg/m ³)	2000 ± 10 %

Fields of application

As finishing material for all exposed interior and concealed or inaccessible surfaces.

The membrane may be laid upon any non-combustible support having any thickness and density equal to or greater than 18 kg/m³.

The membrane can be glued to any non-combustible support having any thickness and density equal to or greater than 18 kg/m³ by means of 250 g/m³ ± 10 % water based glue made of silicate.

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 reports Nos. 2016CS012241/1, 2016CS012241/2 dated 4 August 2016 and 2016CS012241/3 dated 18 August 2016 issued according to:

- IMO 2010 FTP Code Part 5;
- ISO 1716: 2010.

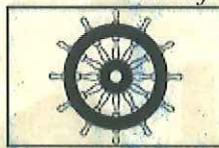




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The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written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



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX Notified Body number undertaking surveillance module

YYYY The year in which the mark is affixed

USCG Approval

This product has been assigned a U.S. Coast Guard module B number (*USCG number: 164.112/EC0474*) to note type approval to Module B only as it pertains to obtaining U.S. Coast Guard approval 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.

The manufacturer is allowed to affix the U.S. Coast Guard approval number to the above equipment subject to the authorization of the Notified Body undertaking the surveillance module.

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 reappraised prior to it being placed on board vessels to which the amended regulations or standards apply.



Massimo Dinale