



EC TYPE EXAMINATION (MODULE B)

No. MED296820CS/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) 2020/1170.

MED Item N°

MED/3.18a

Description

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

Type

Isover SeaCLIMAVER

Applicant

SAINT-GOBAIN ITALIA SPA

VIA ETTORE ROMAGNOLI, 6
20146 Milano (MI)
ITALY

Testing standards applied

IMO Res. MSC.307(88)-(2010 FTP Code)

Regulations specified and reference documents

Chap. II-2 and X of SOLAS 74 Convention, as amended, RINA Rules for the certification of Marine Equipment

Issued in Genoa on
November 18, 2020

This Certificate is valid until
November 17, 2025

This Certificate consists of this sheet plus an attachment

Enrico Cabella

RINA Services S.p.A.

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**ATTACHMENT TO
No. MED296820CS/003**

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Manufacturer

SAINT GOBAIN ISOVER IBERICA SL

Place of Manufacturer

Av. del Vidrio, s/n,
19200 Azuqueca de Henares, Guadalajara
SPAIN

Product description

High density glass wool panel covered by one face with a reinforced aluminum sheet and by the other face covered by a black glass fabric, composed by the following layers:

Exposed face with black glass fiber fabric

Layer 1: aluminum sheet with a thickness of 40 microns and mass per area of 108 g/m² on silver color and smooth aspect

Layer 2: glass fiber mesh with a mass per area of 15 g/m² on white color

Layer 3: polyethylene with a mass per area of 20 g/m² on white color

Layer 4: glass fiber veil with a mass per area of 35 g/m² on white color

Layer 5: glass fiber panel with a thickness of 25 mm and density of 80 g/m³ on brown – greenish color and rough aspect

Layer 6: Glass fiber fabric on black color with a mass per area of 112 g/m²

Field of application

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

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.

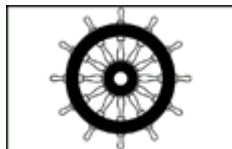
Tests carried out

Tests as per AFITI LICOF Test Report No. 4098T20 dated 10 July 2020 issued according to:

- IMO 2010 FTP Code Part. 5.

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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

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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