



Marine & Offshore

Certificate number: 12289/E0 MED

File number: AC11300/083/004 and 005

Item number: MED/3.18a

USCG Module B number: 164.112 / EC2690

This certificate is not valid when presented without the full attached schedule composed of 7 sections
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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2022/1157 of 4 July 2022

This certificate is issued to:

SAINT-GOBAIN ISOVER

La-Defense - FRANCE

for the type of product

SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD CHARACTERISTICS: DECORATIVE VENEERS

PI 662 ALU, PI 672 ALU, PI 682 ALU, PI 692 ALU, PI 695 CT

Requirements:

SOLAS 74 convention as amended, Regulations II-2/3, II-2/5, II-2/6, II-2/9, X/3
IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 7
IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 7
IMO Res. MSC.307(88) (2010 FTP Code)
IMO MSC/Circ.1120

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.

This certificate is a renewal of certificate N° 12289/D1 MED expiring on 22/08/2023


This certificate will expire on: 09 Aug 2028**For Bureau Veritas Marine & Offshore Notified Body 2690,**

At BV LYON, on 09 Aug 2023,

Yann Krempelwicz

This certificate was created electronically and is valid without signature



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

Non-combustible glass wool roll/panel faced with 18 mm thick thermo-sealed aluminium foil reinforced by a 5x5 mm glass grid.

Thermo-sealing process: polyethylene adhesive (20-30 g/m²).

Reference	Non-combustible glass wool	Aluminium facing
PI 662 ALU	PI 662 roll, density 16 kg/m ³ (± 10%)	one face
PI 672 ALU	PI 672 roll or panel, density 21,5 kg/m ³ (± 10%)	one face
PI 682 ALU	PI 682 roll or panel, density 37 kg/m ³ (± 10%)	one face
PI 692 ALU	PI 692 panel, density 53 kg/m ³ (± 10%)	one face
PI 695 CT	PI 695 panel, density 80 kg/m ³ (± 10%)	both faces

2. DOCUMENTS AND DRAWINGS:

Reference	Technical data sheet	Date
PI 662 ALU	Réf : PI 662 - PI 662 Alu / Version : 002	13/08/2018
PI 672 ALU	Réf : PI 672 - PI 672 Alu / Version : 002	13/08/2018
PI 682 ALU	Réf : PI 682 - PI 682 Alu / Version : 002	13/08/2018
PI 692 ALU	Réf : PI 692 - PI 692 Alu / Version : 001	03/08/2020
PI 695 CT	Réf : PI 695 - PI 695 CT - PI 695 VN / Version : 002	13/08/2018

3. TEST REPORTS:

Reference	Test report, as per OMI 2010 FTP Code Annex 1 Part 5	Date
PI 662 ALU PI 672 ALU PI 682 ALU	Test report N° P110268-DE/1, from LNE, France	09/07/2013
PI 692 ALU PI 695 CT	Test report N° 2017CS012915/1, from RINA SERVICES, Italy	10/11/2017

4. APPLICATION / LIMITATION:

4.1 - In application of FTP Code 2010 Annex 2 § 2.2, the products are expected to satisfy the requirement of smoke & toxicity without further testing.

4.2 - In application of FTP Code 2010 Annex 2 § 2.3, the products are expected to satisfy the requirement of maximum gross calorific value (e.g. 45 MJ/m²) without further testing.

4.3 - The fitting aboard to be the same as used for the test.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

5.2 - For information concerning the production phase modules, **SAINT-GOBAIN ISOVER** has declared the following manufacturing site:

SAINT-GOBAIN ISOVER
19, Rue Paul Sabatier - Zone Industrielle Nord
71100 Chalon sur Saône
FRANCE

5.3 - The insulating materials "PI 662", "PI 672", "PI 682", "PI 692" and "PI 695" shall comply with the requirements of MED 2014/90/EU, as amended, and be wheelmarked.

6. MARKING OF PRODUCT:

6.1 - Reference is made to MED 2014/90/EU chapter 2.

In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

6.2 - In pursuance of the EU/US MRA+, and in accordance with the Council Decision 2004/425/EC of 21 April 2004 amended by Decision 1/2018 of 18 February 2019, the product(s) marked as per MED 2014/90/EU may be marked with the USCG conformity marking as authorized by the Notified Body undertaking surveillance module.

7. OTHERS:

7.1 - It is **SAINT-GOBAIN ISOVER**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes EC Type Examination Certificate N° 12289/D1 MED issued on 13/10/2020 by the Society.

***** END OF CERTIFICATE *****