



Marine & Offshore

Certificate number: 29147/B1 MED

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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) 2018/773 of 15 May 2018

This certificate is issued to:

Saint-Gobain Sweden AB, ISOVER

BILLESOLM - SWEDEN

for the type of product

SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD CHARACTERISTICS: PIPE INSULATION COVERS

Isover TapeLock 7300 pipe section/Isover Climpipe section Alu2

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 Res. MSC.61(67) -(FTP Code)- Annex 1 Part 2 and Part 5, Annex 2 with IMO Res MSC.307(88) -(2010 FTP Code)- article 8

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 will expire on: 01 Sep 2022

For Bureau Veritas Marine & Offshore Notified Body 2690,

At BV GOTHENBURG, on 24 Sep 2018,

Magne MOLLER



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:

Isover TapeLock 7300/Isover Climpipe Section Alu2

Non-combustible glass wool insulation pipe sections with density of 75 kg/m³ faced with aluminium foil (85 g/m²).

The aluminium foil makes a longitudinal overlap with adhesive.

Nominal insulation thickness range is 20-120 mm and the outer diameter range 15-273 mm.

2. DOCUMENTS AND DRAWINGS:

Technical data sheet dated 08/2017

3. TEST REPORTS:

3.1 - Glass wool+aluminium foil : test report N° PX22580, dated 26 March 2012, as per IMO FTP Code, Annex 1, Part 5 [testing standard : IMO Resolution A.653 (16)] from SP Technical Research Institute of Sweden.

3.2 - Glass wool : test report N°6P00919 dated 31 March 2016, as per IMO 2010 FTP Code, Annex 1, Part 1 from SP Technical Research Institute of Sweden.

4. APPLICATION / LIMITATION:

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

4.2 - In application of FTP Code 2010 Annex 2 § 2.3, the product is 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 according to Manufacturer's instructions.

5. PRODUCTION SURVEY REQUIREMENTS:

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 E "Product Quality Assurance" or 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.

6. MARKING OF PRODUCT:

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).

7. OTHERS:

7-1 - It is **Saint-Gobain Sweden AB, 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 the EC-type examination certificate N°29147/B0 MED issued on 01/09/2017 by the Society.

*** END OF CERTIFICATE ***