



Certificate number: 18548/B0 EC
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Annex A1 Item number: A.1/3.18d

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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Notified Body 0062 - MARINE EQUIPMENT DIRECTIVE 96/98/EC

EC TYPE EXAMINATION CERTIFICATE

*as per Module B of European Union Council Directive 96/98/EC on marine equipment
as amended by Commission Directive 2009/26/EC*

This certificate is issued to

Saint-Gobain Isover AB
Billesholm - SWEDEN

for the type of product

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

Aluminium foil faced pipe insulation covers

Type "Isover AluComfort Pipe section series 7200" and "Isover HygroWick 7600"

Requirements:

SOLAS 74 convention as amended, Regulations II-2/3, II-2/5, II-2/6, II-2/9, X/3, IMO Resolution MSC.97(73) - (2000 HSC Code) 7, IMO Resolution MSC.61(67) FTP Code, IMO MSC/Circ.916, IMO MSC/Circ.1004, IMO MSC/Circ.1036, IMO MSC/Circ.1120.

This certificate is issued under the French Maritime Authority to attest that BUREAU VERITAS did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Council Directive 96/98/EC of 20 December 1996 as amended.


This certificate will expire on: 30 Aug 2016

For BUREAU VERITAS Notified Body 0062,

At BV GOTHENBURG, on 30 Aug 2011,

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 B 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. 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 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 Division 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 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 pipe section - Type "Isover AluComfort Pipe section series 7200" and "Isover HygroWick 7600"

Aluminium foil faced pipe insulation covers.

"Isover AluComfort Pipe section series 7200":

Approx. Total thickness: 20-120 mm

Glasswool insulation nominal density: 28 to 70 kg/m³

"Isover HygroWick 7600":

Approx. Total thickness: 20-120 mm

- Aluminium facing area weight: 89 g/m²

- Glasswool insulation nominal density: 35 kg/m³

- inside facing: glass fabric with area weight: 125 g/m²

- inside facing fixation to the pipe: seal of double-stick tape called "Custom Link 2214". Any other equivalent tape can be used if approved for use as a surface material with low-flame spread characteristics.

2. DOCUMENTS AND DRAWINGS:

As per technical specifications contained in test reports listed under §3.

3. TEST REPORTS:

3.1 - **"Isover AluComfort Pipe section series 7200"**: Test report n° 102010.70/01.271 dated 2001-10-09 from SINTEF, Norway as per IMO FTP Code Annex 1 Part 5 [testing standard: IMO Resolution A.653(16)].

3.2 - Glass wool insulation used for "Isover AluComfort Pipe section series 7200":

- Density 70 kg/m³: Test report n°P202794 dated June 6, 2002 from SP, Sweden as per IMO FTP Code Annex 1 Part 1 [testing standard: IMO Resolution A799(19)].

- Density 28 kg/m³: Test report n° 102010.10/01.209 dated 2001-07-09 from SINTEF, Norway as per IMO FTP Code Annex 1 Part 1 [testing standard: IMO Resolution A799(19)].

3.3 - **"Isover HygroWick 7600"**: Test report n° F608568 dated 2007-03-21 from SP, Sweden as per IMO FTP Code Annex 1 Part 5 [testing standard: IMO Resolution A.653(16)].

3.4 - **Glass wool insulation used for "Isover HygroWick 7600"**, Density 35 kg/m³: Test report n°P106327D dated June 12, 2002 from SP, Sweden as per IMO FTP Code Annex 1 Part 1 [testing standard: IMO Resolution A799(19)].

4. APPLICATION / LIMITATION:

4.1 - These products are approved for use as low flame spread surface materials.

4.2 - These products comply with Annex 2 paragraph 2-2 of FTP Code [Part 2 - Smoke and Toxicity criteria].

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

5. PRODUCTION SURVEY REQUIREMENTS:

This certificate 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 B of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

6. MARKING OF PRODUCT:

Markings as per MED 96/98/EC :

☒ YYYY/XX where YYYY is the number of the Notified Body undertaking surveillance module (when BV, 0062) and where XX are the last two digits of year mark affixed.

7. OTHERS:

7.1 - This approval is given on the understanding that the Manufacturer will accept full responsibility for informing shipbuilders or their sub-contractors of the proper methods of fitting and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes EC type examination certificate 18548/A1 EC issued 18/03/2008 by the Society.

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