



See-Berufsgenossenschaft
Prüf- und Zertifizierungsstelle
im BG-PRÜFZERT
European notified body
Identification number 0736

Deutsche Gesetzliche
Unfallversicherung



EC-Type Examination (Module B) Certificate

Certificate No. **114.477**

U.S. Coast Guard Approval No. **164.109/EC0736/114.477**

Name and address of the manufacturer: SAINT-GOBAIN ISOVER G+H AG
Bürgermeister-Grünzweig-Straße 1
67059 Ludwigshafen (Germany)

Date of issue: **10.12.2008**

Annex A.1 Item No & Item designation: **A.1/3.13 – Non-combustible materials**

Product designation: Non-combustible insulation material

Product Type: **ISOVER-marine slab ULTIMATE U MPN 20 - 100**

Intended purpose: Non-combustible material for sea going vessels complying with SOLAS 74/88 Reg. II-2/3 and II-2/5, as amended, IMO Resolution MSC.36(63)-(1994 HSC-Code) 7, IMO Resolution MSC.97(73)-(2000 HSC-Code) 7.

Testing based on (Specific standard): IMO Resolution MSC.61(67)-(FTP-Code), IMO MSC/Circ. 1120.

Remarks: see overleaf

The type tested was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 96/98/EC as amended by Directive 2008/67/EC subject to any conditions in the schedule (part of this certificate).

This certificate may only be used in connection with module(s) **D, E or F** of this directive.

Expiry date: **31.12.2013**



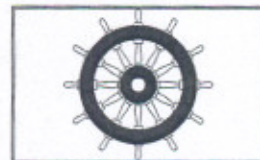
Signature (Bork)

The approval of the installed equipment will be in force beyond the validity date until it is revoked!

Note 1: This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the notified body named on this certificate.

Note 2: 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.

Note 3: 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 B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.



xxxx/yy

Note 4: "Wheelmark" Format

YY Last two digits of year mark affixed.

XXXX Notified Body number undertaking surveillance module

Technical data/approved drawings and additional conditions and remarks:

1.

This EC-Type Examination Certificate is based on the following documents:

- Test Report File No.: PF11769r of the "Danish Institute of Fire and Security Technology", 2650 Hvidovre (DK), dated 09.06.2004
- Test Report File No.: PF11734 of the "Danish Institute of Fire and Security Technology", 2650 Hvidovre (DK), dated 16.03.2004
- Letter of the company SAINT-GOBAIN ISOVER G+H AG (Mr. Dr. Perner), dated 25.11.2004
- Test Report NN06/4714.1 of the "Brandversuchshaus Hamburg", 22767 Hamburg (D), dated 13.04.2006
- Letter of the company SAINT-GOBAIN ISOVER G+H AG (Mr. Dr. Perner), dated 24.04.2006
- Letter of Confirmation of the "Brandversuchshaus Hamburg" (Mr. Pavlik), dated 10.11.2008.

2.

The density of the material is approx. 20 - 100 kg/m³.

3.

The non-combustible material used on board of sea-going vessels shall comply in every respect with the non-combustible material which has been tested.

4.

The non-combustible material shall be marked in accordance with Article 11 of the Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended.

5.

This EC-Type Examination Certificate may only be published or transmitted unabridged.

6.

This EC-Type Examination Certificate replaces the old EC-Type Examination Certificate, issued on 02.07.2004 with a running time up to 31.07.2009.

Note:

This product has been assigned a U.S. Coast Guard approval no. (USCG number) 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 U.S. Coast Guard approval number is:

164.109/EC0736/114.477

The equipment manufacturer has to mark the equipment with this U.S. Coast Guard approval number.