

**EG-Konformitätserklärung / EC declaration of conformity /
déclaration «CE» de conformité**

In Übereinstimmung mit der Richtlinie 2014/90/EU über Schiffsausrüstung / issued in accordance with the directive 2014/90/EU on marine equipment / conformément à directive 2014/90/UE relative aux équipements marins

1. Einmalige Kenn-Nummer des Produkts / unique identification of the product / identification unique du produit:

DoC_114.477

2. Name und Anschrift des Herstellers / name and address of the manufacturer / nom et adresse du fabricant:

SAINT-GOBAIN ISOVER G+H AG
Bürgermeister-Grünzweig-Strasse 1
D-67059 Ludwigshafen

3. Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller / this declaration of conformity is issued under the sole responsibility of the manufacturer / la présente déclaration de conformité est établie sous la seule responsabilité du fabricant :

SAINT-GOBAIN ISOVER G+H AG

4. Gegenstand der Erklärung / Object of the declaration / Objet de la déclaration :

ISOVER-marine slab ULTIMATE U MPN 20 - 100;

ISOVER-marine slab ULTIMATE U SeaProtect Slab 20 to 100

5. Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen Harmonisierungsrechtsvorschriften der Gemeinschaft / the object of the declaration described above is in conformity with the relevant community armonisation legislation / L'objet de la déclaration décrit ci-dessus est conforme à la législation communautaire d'harmonisation applicable:

Directives 2014/90/EU + 2015/559/EU

6. Angabe der einschlägigen harmonisierten Normen, die zugrunde gelegt wurden, oder Angabe der Spezifikationen, für die die Konformität erklärt wird / references to the relevant harmonised standards used or references to the specifications in relation to which conformity is declared / références des normes harmonisées pertinentes appliquées ou des spécifications par rapport auxquelles la conformité est déclarée:

IMO Resolution MSC.307 (88)-(FTP-Code 2010), Annex 1, Part 1

7. Die notifizierten Stellen haben folgende Bescheinigungen ausgestellt / the notified bodies issued the certificates / les organismes notifiés ont établi les attestations:

BG Verkehr Dienststelle Schiffssicherheit; 0736

Module D: SEE 15039

BG Verkehr Dienststelle Schiffssicherheit; 0736

Module B: 114.477 + 1. + 2. Supplement

8. Zusatzangaben / additional information / informations complémentaires:

Für die bestimmungsgemäße Installation ist der Verarbeiter verantwortlich. / The intended installation is in the responsibility of the installer. / L'installateur doit veiller à une installation conformément aux dispositions en vigueur.

EG-Baumusterprüfbescheinigung + Zeichnungen / EC type-examination certificate + drawings / attestation d'examen CE de type + dessins:

www.isover.de/le/marine/MED114477-2015.pdf

Unterzeichnet für und im Namen von / signed for and on behalf of / signé par et au nom de: Saint-Gobain ISOVER G+H AG,

Ludwigshafen

02.09.2016

ppa. Jürgen Trappmann (Leiter Arbeitssicherheit, Umwelt, Sicherheit /
Director environment, health, safety /
Directeur environnement, santé, sécurité)

i.V. Dr. Jens Perner (Qualitätsmanagement /
Senior quality management /
Responsable qualité)



European notified body
Identification number 0736



DGUV Test

Prüf- und Zertifizierungsstelle
BG Verkehr
Dienststelle Schiffssicherheit

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: **11.02.2013**

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, II-2/5 and II-2/9, 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.307(88)-(FTP-Code 2010).

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 2011/75/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: **28.02.2018**



Signature (Bork)

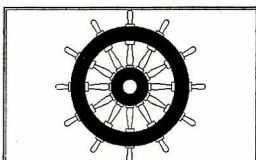


Installed equipment stays approved beyond the validity date until it is revoked!

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.: PFB10064a of the "Danish Institute of Fire and Security Technology", 2650 Hvidovre (DK), dated 01.02.2013
 - Test Report File No.: PFB10064b of the "Danish Institute of Fire and Security Technology", 2650 Hvidovre (DK), dated 01.02.2013
 - Test Report No. 20631953 of the "DMT GmbH & Co. KG", 44137 Dortmund (D), dated 08.10.2012
 - "Technical Assessment..." der DMT GmbH GmbH & Co. KG, 44137 Dortmund (D), dated 01.08.2012.
2.
The density of the material is approx. 20 - 100 kg/m³.
3.
The material is manufactured with the following maximum nominal values of organic contents:

20-34 kg/m ³ density:	6.0 %
35-45 kg/m ³ density:	3.5 %
46-100 kg/m ³ density:	2.0 %
4.
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.
5.
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.
6.
This EC-Type Examination Certificate may only be published or transmitted unabridged.
7.
This EC-Type Examination Certificate replaces the old EC-Type Examination Certificate, issued on 10.12.2008 with a running time up to 31.12.2013.

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 be mark the equipment with this U.S. Coast Guard approval number.



European notified body
Identification number 0736



DGUV Test

Prüf- und Zertifizierungsstelle

BG Verkehr

Dienststelle Schiffssicherheit

1. Supplement to EC-Type Examination Certificate

Certificate-No. 114.477

dated 11.02.2013

Product designation: Non-combustible insulation material

Item designation: A.1/3.13 - Non-combustible materials

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

Manufacturer: SAINT-GOBAIN ISOVER G+H AG
Bürgermeister-Grünzweig-Strasse 1
67059 Ludwigshafen (Germany)

Reference: Letter of the company SAINT-GOBAIN ISOVER G+H AG (Dr. Perner) dated 06.03.2014

Alteration/Addition: The above-mentioned non-combustible material may also be distributed with following type designation:

- ISOVER-marine slab ULTIMATE U SeaProtect slab 20 to 100

The approved type with the above certificate number may be further manufactured and sold with the alterations/additions stated above.

The other regulations of the EC-Type Examination Certificate are not affected by this supplement.

This Supplement to EC-Type Examination Certificate will be expired on: **28.02.2018**

Hamburg, 10.03.2014



Signature (Bork)





European notified body
Identification number 0736



DGUV Test

Prüf- und Zertifizierungsstelle
BG Verkehr
Dienststelle Schiffssicherheit

2. Supplement to EC-Type Examination Certificate

Certificate-No. 114.477

dated 11.02.2013

Product designation: Non-combustible insulation material

Item designation: A.1/3.13 - Non-combustible materials

Type: ISOVER-marine slab ULTIMATE U MPN 20 - 100
ISOVER-marine slab ULTIMATE U SeaProtect slab 20 to 100

Manufacturer: SAINT-GOBAIN ISOVER G+H AG
Bürgermeister-Grünzweig-Strasse 1
67059 Ludwigshafen (Germany)

Reference: Test Report No. 20645633-10 issued by DMT GmbH & Co. KG,
44137 Dortmund (DE), on 07.10.2014

Alteration / Addition: Modified binder

The approved type with the above certificate number may be further manufactured and sold with the alterations / additions stated above.

The other regulations of the EC-Type Examination Certificate are not affected by this supplement.

This Supplement to EC-Type Examination Certificate will be expired on: **28.02.2018**

Hamburg, 20.02.2015



Signature (Bork)

