



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED144221CS

This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2020/1170.

<i>MED Item N°</i>	MED/3.13
<i>USCG Category N°</i>	164.109
<i>Description</i>	Non-combustible materials
<i>Type</i>	U SeaProtect Wired Mat 36 up to U SeaProtect Wired Mat 86
<i>Applicant</i>	SAINT-GOBAIN ISOVER G+H AG - SAINT - GOBAIN ISOVER G+H AG BURGERMEISTER-GRUNZWEIG-STRASSE 1 67059 Ludwigshafen GERMANY
<i>Testing standards</i>	IMO Res. MSC.307(88)-(2010 FTP Code)
<i>Reference standards</i>	Chap. II-2 and X of SOLAS 74 Convention, as amended, RINA Rules for the certification of Marine Equipment

Issued in Genoa on
April 9, 2021

This Certificate is valid until
April 8, 2026

This Certificate consists of this sheet plus an attachment

Enrico Cabella

RINA Services S.p.A.

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**ATTACHMENT TO
CERTIFICATE No. MED144221CS**

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Manufacturer

SAINT-GOBAIN ISOVER G+H AG, PLANT LUBZ

Place of Manufacturer

INDUSTRIESTRASSE 11
19386 LUBZ
GERMANY

Product description

Mineral wool mattress.

- Nominal density (kg/m^3): $36 \div 86 \pm 10\%$
- Nominal thickness (mm): $20 \div 100$

Field of application

As non combustible material.

Tests carried out

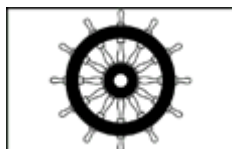
Tests as per:

- RINA Test Laboratory reports No. 2008CS013180/1 dated 26 June 2008 and No. 2008CS013180/2 dated 27 June 2008 issued according to IMO Res. A.799(19) (Test method ISO 1182:1990)
- Danish Institute of Fire and Security Technology test reports Nos. PF12943a and PF12943b dated 23 September 2008 issued according to IMO Res. A.799(19) (Test method ISO 1182:2002)
- Danish Institute of Fire and Security Technology test report No. PFB10064b issued on 1 February 2013 according to IMO 2010 FTP Code (Test method ISO 1182:2010)

This certificate annuls and replaces the certificate No. MED112716CS dated 04/11/2016 due to renewal.

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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 II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX Notified Body number undertaking surveillance module

YY Last two digits of year mark affixed

USCG Approval marking

This equipment is covered by the scope of 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 and amended by Decision No. 1/2018 dated February 18th, 2019 according to U.S. Coast Guard approval category **164.109**.

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F) as allowed by the MED.

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.



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