



RINA

RINA Società per azioni  
Via Corsica, 12 - 16128 Genova  
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EC TYPE EXAMINATION (MODULE B)

CERTIFICATE Nr. MED169409CS/002

*This is to certify, that RINA, specified as Notified Body N° 0474 by the Italian "Ministero delle Infrastrutture e dei Trasporti Direzione Generale per la navigazione ed il Trasporto Marittimo ed Interno" on 25 November 1998, 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) 96/98/EC as modified by Directive 2002/75/EC*

<i>MED Item N°</i>	<b>A.1/3.13</b>
<i>USCG Category N°</i>	<b>164.109</b>
<i>Description</i>	<b>Non-combustible materials</b>
<i>Type</i>	<b>U Marine Wired Mat 36 N to U Marine Wired Mat 66 N</b>
<i>Applicant</i>	<b>SAINT-GOBAIN ISOVER G+H AG</b> BURGERMEISTER-GRUNZWEIG-STRASSE 1 67059 LUDWIGSHAFEN GERMANY
<i>Testing standards</i>	<b>IMO Res. A.799(19), IMO Res. MSC.61(67) Annex 1 Part 1 and Annex 2</b>
<i>Reference standards</i>	<b>Chap. II-2 and X of SOLAS 74 Convention, as amended, RINA Rules for the certification of Marine Equipment</b>

*Issued at Genoa on*  
April 20, 2009

*This Certificate is valid until*  
April 19, 2014

*This Certificate consists of this sheet plus an attachment*



**Paolo Salza**

*Senior Manager - Technical Function*



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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 ( $\text{kg/ m}^3$ ):  $36 \div 66 \pm 10\%$
- Nominal thickness (mm):  $30 \div 100$

**Field of application**

As non combustible material.

**Tests carried out**

Test as per RINA Test Laboratory reports No. 2008CS013180/1 dated 26 June 2008, No. 2008CS013180/2 dated 27 June 2008 issued according to IMO Res. A.799(19) (Test method ISO 1182:1990) and as per of test carried out by Danish Institute of Fire and Security Technology test reports No. PF12943a and PF12943b dated 23 September 2008 issued according to IMO Res. A.799(19) (Test method ISO 1182:2002).



*Handwritten signature*



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



**XXXX/YY**

**"WHEELMARK FORMAT"**

*XXXX* Notified Body number undertaking surveillance module  
*YY* Last two digits of year mark affixed

**USCG Approval**

This product has been assigned a U.S. Coast Guard module B number (*USCG number: 164.109/EC0474*) 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 27<sup>th</sup>, 2004.

The manufacturer is allowed to affix the U.S. Coast Guard approval number to the above equipment subject to the authorization of the Notified Body undertaking the surveillance module.

***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 reappraised prior to it being placed on board vessels to which the amended regulations or standards apply.



**Paolo Salza**

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