



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED211220CS/002

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>	Saglan SO-R G
<i>Applicant</i>	SAGER AG DORNHUGELSTRASSE CH-5724 Durrenasch SWITZERLAND
<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
November 26, 2020

This Certificate is valid until
November 25, 2025

This Certificate consists of this sheet plus an attachment

Enrico Cabella
RINA Services S.p.A.

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**ATTACHMENT TO
CERTIFICATE No. MED211220CS/002**

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Manufacturer

SAGER AG

Place of Manufacturer

DORNHUGELSTRASSE

CH-5724 Durrenasch

SWITZERLAND

Product description

Glass wool roll, covered on one side with a black glass fabric, weighing 128 g/m^2 ($\pm 5\%$) and thickness of 0.12 mm with tolerance ($\pm 10\%$) and glued using phenolic resin in quantities of 8.0 g/m^2 ($\pm 10\%$).

- Density range (kg/m^3) from 20 to $40 \pm 10 \%$
- Thickness range (mm) from 15 to 240
- Maximum organic content 4.16 %

Fields of application

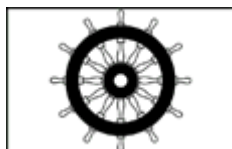
As non combustible material.

Tests carried out

Tests as per RINA Test Laboratory reports Nos. 2020CS012112/5 2020CS012112/6 2020CS012112/7 2020CS012112/8 and 2020CS013241/10 dated 26 November 2020 issued according to IMO 2010 FTP Code Part 1.

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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

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" as amended by Decision N. 1/2018 signed on 18th February 2019.

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



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