



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED146119CS

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) 2018/773.

<i>MED Item N°</i>	MED/3.13
<i>Description</i>	Non-combustible materials
<i>Type</i>	PIPELANE SGR
<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
<i>Issued in Genoa on</i> March 19, 2019	<i>This Certificate is valid until</i> March 19, 2024

This Certificate consists of this sheet plus an attachment

Enrico Cabella
RINA Services S.p.A.

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**ATTACHMENT TO
CERTIFICATE No. MED146119CS
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Manufacturer
SAGER AG

Place of Manufacturer
DORNHUGELSTRASSE
CH-5724 Durrenasch
SWITZERLAND

Product description

Tubular shaped product made of glass fibre wool without coating.

- Nominal density (kg/ m³): 30 ÷ 100 ± 10%
- Nominal thickness (mm): 20 ÷ 100

Field of application

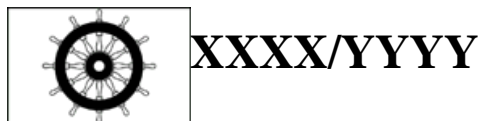
As non combustible material.

Tests carried out

Test as per RINA Test Laboratory reports No. 2008CS011940/7 dated 7 August 2008, No. 2008CS011940/8 dated 11 August 2008, No. 2008CS015276/3 dated 11 December 2008 and No. 2008CS015276/4 dated 15 December 2008 issued according to IMO Res. A.799(19) (Test method ISO 1182:1990).

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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



"WHEELMARK FORMAT"

XXXX *Notified Body number undertaking surveillance module*

YY *Last two digits of year mark affixed*

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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