



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED210622CS/003

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) 2021/1158.

<i>MED Item N°</i>	MED/3.18d
<i>Description</i>	Surface materials and floor coverings with low flame-spread characteristics: (d) pipe insulation covers
<i>Type</i>	Pipeline SGR 1
<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
May 20, 2022

This Certificate is valid until
May 19, 2027

This Certificate consists of this sheet plus an attachment

Enrico Cabella
RINA Services S.p.A.

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**ATTACHMENT TO
CERTIFICATE No. MED210622CS/003**

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Manufacturer

SAGER AG

Place of Manufacturer

DORNHUGELSTRASSE

CH-5724 Durrenasch

SWITZERLAND

Product description

Self-adhesive aluminium foil anilox with glass fiber net (manufacturer Lenzing Plastics) having mass per area of 79 g/m² fitted on non combustible glass wool. The aluminium foil is fitted with a strip of biadhesive tape (manufacturer Biolink) having width of 19 mm and mass per area of 70 g/m² covered by a strip of aluminium adhesive tape (manufacturer Coroplast) having width of 50 mm.

Field of application

As pipe insulation covers.

On the basis of the value of the total heat release (Q_t) and on the basis of the value of the peak heat release (q_p) the material is deemed not generating excessive quantities of smoke nor toxic products in fire according to Annex 2 IMO 2010 FTP Code.

Tests carried out

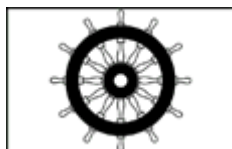
Tests as per RINA Test Laboratory report No. 2017CS011326/2 dated 24 May 2017 issued according to:

- IMO 2010 FTP Code Part 5.

This certificate annuls and replaces the certificate No. MED132617CS/003 dated 05/25/2017 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*

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.



Enrico Cabella

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