



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED566825CS/001

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) 2025/1533.

<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-P
<i>Applicant</i>	SAGER AG DORNHUGELSTRASSE CH-5724 DURRENASCH SWITZERLAND
<i>Testing standards</i>	IMO Res. MSC.307(88)-(2010 FTP Code), as amended.
<i>Reference standards</i>	SOLAS 74 Reg. II-2/3, SOLAS 74 Reg. X/3, SOLAS 74 Reg. II-2/5, SOLAS 74 Reg. II-2/9, IMO Res. MSC.36(63)-(1994 HSC Code) 7, IMO Res. MSC.97(73)-(2000 HSC Code) 7
<i>Issued in Genoa on</i> March 17, 2026	<i>This Certificate is valid until</i> March 16, 2031

This Certificate consists of this sheet plus an attachment

This document is electronically signed by

Enrico Cabella

RINA Services S.p.A.

Manufacturer
SAGER AG

Place of Manufacturer
DORNHUGELSTRASSE
CH-5724 DURRENASCH
SWITZERLAND

Product description

Glass wool (plate) with low phenolic binder or non-phenolic bio-based binder.

- Maximum organic content 5.05 %

Product Slabs	Sea Offshore	Delivery form - plate	Density glass wool*	Density [kg/m ³]	Thickness range (mm)	Field of application*
Saglan SO-P SL 7	SO	-P	SL	15	20 - 120	7
Saglan SO-P L 7	SO	-P	L	20	20 - 120	7
Saglan SO-P ML 7	SO	-P	ML	25	20 - 120	7
Saglan SO-P M 7	SO	-P	M	30	15 - 120	7
Saglan SO-P MP 3	SO	-P	MP	35	15 - 120	3
Saglan SO-P MH 3	SO	-P	MH	40	20 - 120	3
Saglan SO-P SH 3	SO	-P	SH	45	15 - 120	3
Saglan SO-P H 3	SO	-P	H	50	10 - 120	3
Saglan SO-P HR 3	SO	-P	HR	60	10 - 120	3
Saglan SO-P HL 3	SO	-P	HL	65	10 - 120	3
Saglan SO-P HM 3	SO	-P	HM	70	10 - 120	3
Saglan SO-P VH 3	SO	-P	VH	80	10 - 100	3
Saglan SO-P HP 3	SO	-P	HP	90	10 - 80	3
Saglan SO-P EH 3	SO	-P	EH	100	12 - 50	3
Saglan SO-P H 3	SO	-P	H	50	10 - 120	9
Saglan SO-P HR 3	SO	-P	HR	60	10 - 120	9
Saglan SO-P HL 3	SO	-P	HL	65	10 - 120	9
Saglan SO-P HM 3	SO	-P	HM	70	10 - 120	9
Saglan SO-P VH 3	SO	-P	VH	80	10 - 100	9
Saglan SO-P HP 3	SO	-P	HP	90	10 - 80	9
Saglan SO-P EH 3	SO	-P	EH	100	12 - 50	9



**ATTACHMENT TO
CERTIFICATE No. MED566825CS/001**

Page 2 of 3

*Density description	Density [kg/m³]	*Density description	Density [kg/m³]
SL = super light	15	H = heavy	50
L = light	20	HR = heavier	60
ML = medium light	25	HL = heavier	65
M = medium	30	HM = heavier medium	70
MP = medium plus	35	VH = very heavy	80
MH = medium heavy	40	HP = heavy plus	90
SH = super heavy	45	EH = extra heavy	100
*Field of application			
7 = comfort	3 = acoustic	9 = crimped	

Field of application

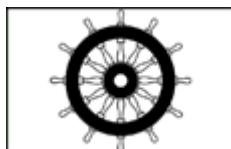
As non-combustible material.

Tests carried out

Tests as per RINA Test Laboratory reports Nos. 2025CS015668/1, 2025CS015668/2, 2025CS015668/3, 2025CS015668/4 dated 10 March 2026, issued according to IMO 2010 FTP Code Part 1.

Tests as per MPA Test Laboratory report No. 902 7272 025-20 dated 12 September 2025, issued according to ISO 1716:2018.

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 not 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.

This document is electronically signed by

Enrico Cabella

RINA Services S.p.A.