

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0751-CPR.2-016.0-01

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

**Factory made mineral wool (MW) products for thermal insulation of building
equipment and industrial installations**
(details cf. annex)

Placed on the market under the name or trade mark of

SAGER AG

Dornhügelstraße 10
5724 Dürrenäsch
Switzerland

and produced in the manufacturing plant

SAGER AG

Dornhügelstraße 10
5724 Dürrenäsch
Switzerland

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 14303:2009+A1:2013

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 28.06.2012 and will remain valid (but no longer than 15.12.2023) as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Gräfelfing, 15.12.2022

Certification Body



Ralph Alberti

A publication of extracts or a referring to the Certificate of Constancy of Performance and its annex requires the prior written approval of FIW München. Certification body accredited by DAkkS according to EN/ISO IEC 17065:2013 according to the certification annex D-ZE-14116-01-00.

Factory:

SAGER AG, Dornhügelstraße 10, 5724 Dürrenäsch, Switzerland

Construction product(s):

Factory made mineral wool (MW) products for thermal insulation of building equipment and industrial installations according to EN 14303:2009+A1:2013

Intended use:

Thermal insulation products for building equipment and industrial installations

Level(s) or class(es) reaction to fire:

for uses subject to regulations on reaction to fire A1/A2 and A1L/A2L. Products for which a clearly identifiable stage in the production process results in an improvement in the reaction to fire classification by limiting of organic material.

No.	Form	Name	Description	Nominal thickness	Reaction to fire EN 13501-1			
					Classification	Range	Fire Group	Classification report
1			Non-combustible glass wool slab		A1	Density ≤ 52 kg/m ³ Max. organic content ≤ 8,5 %	1	KB-Hoch-180373-2
2	Slab	SAGLAN T-SA 20	Non-combustible glass wool slab also with facings ¹⁾	20 mm to 120 mm	A2-s1, d0	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	2	90207272020-80
3			Non-combustible glass wool slab also with facings ²⁾		A1	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85
4			Non-combustible glass wool roll		A1	Density ≤ 52 kg/m ³ Max. organic content ≤ 8,5 %	1	KB-Hoch-180373-2
5	Roll	SAGLAN T-R 300	Non-combustible glass wool roll also with facings ¹⁾	25 mm to 120 mm	A2-s1, d0	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	2	90207272020-80
6			Non-combustible glass wool roll also with facings ²⁾		A1	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85

Product			Reaction to fire EN 13501-1					
No.	Form	Name	Description	Nominal thickness	Classification	Range	Fire Group	Classification report
7			Non-combustible glass wool roll		A1	Density $\leq 52 \text{ kg/m}^3$ Max. organic content $\leq 8,5 \%$	1	KB-Hoch-180373-2
8	Roll	SAGLAN T-R 400	Non-combustible glass wool roll also with facings ¹⁾	25 mm to 120 mm	A2-s1, d0	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	2	90207272020-80
9			Non-combustible glass wool roll also with facings ²⁾		A1	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85
10			Non-combustible glass wool slab		A1	Density $\leq 52 \text{ kg/m}^3$ Max. organic content $\leq 8,5 \%$	1	KB-Hoch-180373-2
11	Slab	SAGLAN T-SA 30	Non-combustible glass wool slab also with facings ¹⁾	20 mm to 120 mm	A2-s1, d0	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	2	90207272020-80
12			Non-combustible glass wool slab also with facings ²⁾		A1	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85
13			Non-combustible glass wool slab		A1	Density $\leq 52 \text{ kg/m}^3$ Max. organic content $\leq 8,5 \%$	1	KB-Hoch-180373-2
14	Slab	SAGLAN T-SA 35	Non-combustible glass wool slab also with facings ¹⁾	20 mm to 120 mm	A2-s1, d0	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	2	90207272020-80
15			Non-combustible glass wool slab also with facings ²⁾		A1	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85

Product			Reaction to fire EN 13501-1					
No.	Form	Name	Description	Nominal thickness	Classification	Range	Fire Group	Classification report
16			Non-combustible glass wool roll		A1	Density ≤ 52 kg/m ³ Max. organic content ≤ 8,5 %	1	KB-Hoch-180373-2
17	Roll	SAGLAN T-SI 35	Non-combustible glass wool roll also with facings ¹⁾	15 mm to 120 mm	A2-s1, d0	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	2	90207272020-80
18			Non-combustible glass wool roll also with facings ²⁾		A1	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85
19			Non-combustible glass wool roll		A1	Density ≤ 52 kg/m ³ Max. organic content ≤ 8,5 %	1	KB-Hoch-180373-2
20	Roll	SAGLAN T-SI 40	Non-combustible glass wool roll also with facings ¹⁾	15 mm to 120 mm	A2-s1, d0	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	2	90207272020-80
21			Non-combustible glass wool roll also with facings ²⁾		A1	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85
22			Non-combustible glass wool slab		A1	Density ≤ 52 kg/m ³ Max. organic content ≤ 8,5 %	1	KB-Hoch-180373-2
23	Slab	SAGLAN T-SA 40	Non-combustible glass wool slab also with facings ¹⁾	20 mm to 120 mm	A2-s1, d0	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	2	90207272020-80
24			Non-combustible glass wool slab also with facings ²⁾		A1	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85

Product		Reaction to fire EN 13501-1						
No.	Form	Name	Description	Nominal thickness	Classification	Range	Fire Group	Classification report
25			Non-combustible glass wool slab		A1	Density $\leq 52 \text{ kg/m}^3$ Max. organic content $\leq 8,5 \%$	1	KB-Hoch-180373-2
26	Slab	SAGLAN T-SA 50	Non-combustible glass wool slab also with facings ¹⁾	15 mm to 120 mm	A2-s1, d0	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	2	90207272020-80
27			Non-combustible glass wool slab also with facings ²⁾		A1	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85
28			R		A1	Max. organic content $\leq 5,5 \%$ or $1,1 \text{ kg/m}^3$	6	902 7272 017-80
29	Slab	SAGLAN T-ST	Non-combustible glass wool slab also with facings ¹⁾	10 mm to 120 mm	A2-s1, d0	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	2	90207272020-80
30			Non-combustible glass wool slab also with facings ²⁾		A1	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85
31			Non-combustible glass wool slab		A1	Max. organic content $\leq 5,5 \%$ or $1,1 \text{ kg/m}^3$	6	902 7272 017-80
32	Slab	SAGLAN T-ST 100	Non-combustible glass wool slab also with facings ¹⁾	10 mm to 120 mm	A2-s1, d0	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	2	90207272020-80
33			Non-combustible glass wool slab also with facings ²⁾		A1	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85

Product				Reaction to fire EN 13501-1				
No.	Form	Name	Description	Nominal thickness	Classification	Range	Fire Group	Classification report
34			Non-combustible glass wool slab		A1	Density ≤ 52 kg/m ³ Max. organic content ≤ 8,5 %	1	KB-Hoch-180373-2
35	Slab	SAGLAN T-SA 25	Non-combustible glass wool slab also with facings ¹⁾	20 mm to 120 mm	A2-s1, d0	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	2	90207272020-80
36			Non-combustible glass wool slab also with facings ²⁾		A1	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85
37			Non-combustible glass wool roll		A1	Density ≤ 52 kg/m ³ Max. organic content ≤ 8,5 %	1	KB-Hoch-180373-2
38	Roll	SAGLAN T-SI 25	Non-combustible glass wool roll also with facings ¹⁾	20 mm to 120 mm	A2-s1, d0	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	2	90207272020-80
39			Non-combustible glass wool roll also with facings ²⁾		A1	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85
40			Non-combustible glass wool roll		A1	Density ≤ 52 kg/m ³ Max. organic content ≤ 8,5 %	1	KB-Hoch-180373-2
41	Roll	SAGLAN T-SI-K 30	Non-combustible glass wool roll also with facings ¹⁾	25 mm to 120 mm	A2-s1, d0	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	2	90207272020-80
42			Non-combustible glass wool roll also with facings ²⁾		A1	Density ≤ 100 kg/m ³ Max. organic content ≤ 5,0 %	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85

No.	Product			Reaction to fire EN 13501-1				
	Form	Name	Description	Nominal thickness	Classification	Range	Fire Group	Classification report
43			Non-combustible glass wool slab		A1	Density $\leq 52 \text{ kg/m}^3$ Max. organic content $\leq 8,5 \%$	1	KB-Hoch-180373-2
44	Slab	SAGLAN T-SA-K 30	Non-combustible glass wool slab also with facings ¹⁾	25 mm to 120 mm	A2-s1, d0	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	2	90207272020-80
45			Non-combustible glass wool slab also with facings ²⁾		A1	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85
46			Non-combustible glass wool slab		A1	Density $\leq 52 \text{ kg/m}^3$ Max. organic content $\leq 8,5 \%$	1	KB-Hoch-180373-2
47	Slab	SAGLAN T-SA-K 45	Non-combustible glass wool slab also with facings ¹⁾	25 mm to 120 mm	A2-s1, d0	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	2	90207272020-80
48			Non-combustible glass wool slab also with facings ²⁾		A1	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85
49			Non-combustible glass wool roll		A1	Density $\leq 52 \text{ kg/m}^3$ Max. organic content $\leq 8,5 \%$	1	KB-Hoch-180373-2
50	Roll	SAGLAN T-R HT 400	Non-combustible glass wool roll also with facings ¹⁾	25 mm to 120 mm	A2-s1, d0	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	2	90207272020-80
51			Non-combustible glass wool roll also with facings ²⁾		A1	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85

Product					Reaction to fire EN 13501-1			
No.	Form	Name	Description	Nominal thickness	Classification	Range	Fire Group	Classification report
52			Non-combustible glass wool slab		A1	Density $\leq 52 \text{ kg/m}^3$ Max. organic content $\leq 8,5 \%$	1	KB-Hoch-180373-2
53	Slab	SAGLAN T-P HT 400	Non-combustible glass wool slab also with facings ¹⁾	25 mm to 120 mm	A2-s1, d0	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	2	90207272020-80
54			Non-combustible glass wool slab also with facings ²⁾		A1	Density $\leq 100 \text{ kg/m}^3$ Max. organic content $\leq 5,0 \%$	3	902 7272 020-81 902 7272 020-82 902 7272 020-84 902 7272 020-85
55	Pipe section	PIPELANE SGR	Non-combustible glass wool concentrically wound pipe section	20 mm to 140 mm	A1L	Density 58 up to 71 kg/m^3 Max. organic content $\leq 4,3 \%$ or 3,0 kg/m^3	4	KB-Hoch-100348-3

Product			Reaction to fire EN 13501-1					
No.	Form	Name	Description	Nominal thickness	Classification	Range	Fire Group	Classification report
56	Pipe section	PIPELANE SGR 1 / STAR 1	Non-combustible glass wool concentrically wound pipe section faced with reinforced aluminium foil	20 mm to 140 mm	do ≤ 300 mm A2L-s1, d0 do > 300 mm A2-s1, d0	Inside diameter > 15 mm Max. organic content ≤ 4,4 % Density 60 -100 kg/m ³ Wall thickness 20 -140 mm	5	KB-Hoch-170463-2

1) Possible facings are:

As/Ao: reinforced aluminium-composite layer foil : 125 g/m²

2) Possible facings are

A: reinforced aluminium-composite layer foil : 79 g/m²

G : Glass-fabric black : 128 g/m²

Vn35 : white fibre fleece : 35 g/m² to 100 g/m²

Vn100 : white fibre fleece : 35 g/m² to 100 g/m²

Vnl : white fibre fleece, reinforced : 35 g/m² to 100 g/m²

Vsl : black fibre fleece, reinforced : 35 g/m² to 100 g/m²

Vs : black fibre fleece: 35 g/m² to 100 g/m²

Detail information about the insulation products are given in the classification reports
 Gräfelfing 15.12.2022

