

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-016.0-01

In compliance with *Regulation 305/2011/EU 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

"mineral wool products"

Thermal insulation products for buildings

Factory made mineral wool products acc. EN 13162:2012+A1:2015

(details see annex)
produced by or for

SAGER AG

Dornhügelstrasse 10, 5724 Dürrenäsch, Switzerland
and produced in the manufacturing plant(s)

SAGER AG

5724 Dürrenäsch, Switzerland

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standards(s)

EN 13162:2012+A1:2015

under **System 1** are applied and that

the products fulfil all the prescribed requirements set out above.

This certificate was first issued on 07.02.2018 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly (but not longer than 06.02.2019).

Gräfelfing, 23 February 2018



Dipl.-Ing. (FH) Wolfgang Albrecht

Head of Certification Body

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-016.0-01

Factory: SAGER AG, 5724 Dürrenäsch, Switzerland

Construction product(s): Factory made mineral wool products acc.
EN 13162:2012+A1:2015

Intended use: Thermal insulation products for buildings

Level(s) or class(es) for uses subject to regulations of reaction to fire A1, A2, B, C.
Reaction to fire: Products for which a clearly identifiable stage in the production process results in an improvement in the reaction to fire classification.

Attestation of conformity system: 1

Table 1: Description of the products

Product Name	Form of supply	Facing/ Coating*)	Classification	
			Reaction to fire class	Classification report**)
SAGLAN FA 50 Carbolane	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN FA 50 Carbolane A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SB 55	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SB 55 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 55	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 55 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN ST	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN ST A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SB 55 K	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN FA 40	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN FA 40 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN FA Light / SR 30	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN FA Light A / SR 30 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SK 40 / SKN 40	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4

Table 1: Description of the products (continued)

Product			Classification	
Name	Form of supply	Facing/ Coating ^{*)}	Reaction to fire class	Classification report ^{**)}
SAGLAN SK 40 A / SKN 40 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SK 32	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SK 32 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SKN 32	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SKN 32 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN 600	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN 600 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN Extrapan Plus	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN Extrapan Plus A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SB 40	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SB 40 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 40	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 40 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 50	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 50 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 100	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 100 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN ST 100	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN ST 100 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 80	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 80 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SI 30	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SI 30 A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SBR plus	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4

Table 1: Description of the products (continued)

Product			Classification	
Name	Form of supply	Facing/ Coating ^{*)}	Reaction to fire class	Classification report ^{***)}
Saglan SBR plus A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SBR plus Sparren	Roll	A, G, V, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SBR plus A Sparren	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN ST Floor	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN ST Floor A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN TW 33	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN TW 33 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan TWR 33	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan TWR 33 A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN FDPL	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN FDPL A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN Extraplan	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN Extraplan A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN 800	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN 800 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SB 40 Light	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SB 40 Light A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 30	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 30 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan R-500	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan R-500 A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN 400	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN 400 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SB 22	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4

Table 1: Description of the products (continued)

Product			Classification	
Name	Form of supply	Facing/Coating*)	Reaction to fire class	Classification report**)
SAGLAN SB 22 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SR 22	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SR 22 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN TC 22	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN TC 22 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 25	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN SA 25 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN DF 50	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN DF 50 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN DF 70	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN DF 70 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN DF 80	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN DF 80 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SI 30 K	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SI 30 K A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SI 25	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SI 25 A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SBR	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SBR A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SBR Sparren	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SBR Sparren A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan R-400	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan R-400 A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN Superpan	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN Superpan A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4

Table 1: Description of the products (continued)

Product			Classification	
Name	Form of supply	Facing/Coating ^{*)}	Reaction to fire class	Classification report ^{**)}
SAGLAN 300	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN 300 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN DPL	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN DPL A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SKR	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SKR A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SI 20 K	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SI 20 K A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan R-300	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan R-300 A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan TWKR	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan TWKR A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Glass 039	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Glass 039 A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN 200	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
SAGLAN 200 A	Board	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan WDR	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan WDR A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SBR Light	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan SBR Light A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan R-200	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4
Saglan R-200 A	Roll	A, G, Vg, Vgl, Vs, Vsl, Vn	A1	1, 2.1, 2.2, 2.3, 2.4

* The material characteristics given for the unfaced/uncoated products also apply to the variations of faced/coated products that meet fire class A1.

The products can be faced on one or both sides with the following facings/coatings:

A: pure Aluminum, fibre-scrim	Vgl: glass fleece yellow, longitudinally reinforced	Vn: glass fleece natural
G: glass fabric black	Vs: glass fleece black	
Vg: glass fleece yellow	Vsl: glass fleece black, longitudinally reinforced	

For explanations regarding reaction to fire characteristics see page 6

****) Explanations regarding reaction to fire characteristics:**

1) Explanations regarding the reaction to fire of mineral wool products without facing/coating:

- any thickness
- any density
- an organic content of $\leq 5,5\%$ w/w, equivalent to $1,1 \text{ kg/m}^3$ organic content for a mineral wool board with a density of 20 kg/m^3 .

Details see classification report 902 7272 017-80 MPA Stuttgart NB-No. 0672

2) Explanations regarding the reaction to fire of mineral wool products with a facing/coating on one or both sides:

2.1) Aluminium-composite-layer, one-sided:

- any thickness
- a density-range $\leq 100 \text{ kg/m}^3$ of the faced mineral wool
- an organic content of $\leq 5,5\%$ w/w, equivalent to $1,1 \text{ kg/m}^3$ organic content for a mineral wool board with a density of 20 kg/m^3
- one-sided aluminium-composite layer-film facing with total mass per unit - area of approx. 84 g/m^2

Details see classification report 902 7272 017-83 MPA Stuttgart NB-No. 0672

2.2) Mineral wool products with glass fabric on one or both sides:

- any thickness
- a density-range $\leq 100 \text{ kg/m}^3$ of the faced mineral wool
- an organic content of $\leq 5,5\%$ w/w, equivalent to $1,1 \text{ kg/m}^3$ organic content for a mineral wool board with a density of 20 kg/m^3
- an one- or two-sided glass-fabric facing with a mass per unit area of 128 g/m^2

Details see classification report 902 7272 017-82 MPA Stuttgart NB-No. 0672

2.3) Mineral wool products with glass fleece on one or both sides:

- any thickness
- a density-range $\leq 100 \text{ kg/m}^3$ of the faced mineral wool
- an organic content of $\leq 5,5\%$ w/w, equivalent to $1,1 \text{ kg/m}^3$ organic content for a mineral wool board with a density of 20 kg/m^3
- an one- or two-sided glass-fleece facing with a mass per unit area of $35 \text{ g/m}^2 - 100 \text{ g/m}^2$

Details see classification report 902 7272 017-81 MPA Stuttgart NB-No. 0672

2.4) Mineral wool products, faced with various facings, also in combination:

- a density-range $\leq 80 \text{ kg/m}^3$ of the mineral wool
- an organic content of $\leq 4,0\%$ w/w, equivalent to $3,2 \text{ kg/m}^3$ organic content for a mineral wool board with a density of 79 kg/m^3
- with various one- or two-sided facings and combinations thereof

Details see classification report 902 7272 015-82 MPA Stuttgart NB-No. 0672

Gräfelfing, 23 February 2018



Dipl.-Ing. (FH) Wolfgang Albrecht

Head of Certification Body