

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-146.0-01

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 09 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

Knauf Insulation mineral wool products

Thermal insulation products for buildings
Factory made mineral wool products according EN 13162:2012+A1:2015
(details see annex A for standard building products with conventional binder,
annex B for OEM products with conventional binder)

produced by or for

Knauf Insulation s.r.o.
Železničný rad 24, 968 14 Nová Baňa, Slovakia
and produced in the manufacturing plant(s)

Knauf Insulation s.r.o.
968 14 Nová Baňa, Slovakia

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 08 May 2017, will be annually confirmed after successful audit and 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 31.12.2021).

Gräfelfing, 14 October 2019



Dr. Andreas Schmeller

1508 Certification Body

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-146.0-01 Annex A Line 1

Factory: Knauf Insulation s.r.o., 968 14 Nová Baňa, Slovakia

Construction product(s): Factory made mineral wool products according EN 13162:2012+A1:2015 with conventional binder

Intended use: Thermal insulation products for buildings

**Level(s) or class(es)
Reaction to fire:** For uses subject to regulations of reaction to fire A1, A2, B, C.
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 A1-1: Description of the products - Line 1 standard building products

No.	Product			Classification				
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range	Loss of Ignition	Thickness Range
						[kg/m ³]	[mass%]	[mm]
1	DP-3	Board	30-200	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
2	DP-4	Board	30-130	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
3	DP-5	Board	30-140	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
4	DP-6	Board	30-140	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
5	DP-7	Board	20-150	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
6	DP-8	Board	20-240	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
7	DP-9	Board	30-140	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
8	DP-10	Board	15-140	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
9	TW	Board	40-160	A1	(-)	30-155	≤ 3.5	any
10	WP	Board	30-220	A1	(-)	30-155	≤ 3.5	any
11	AP	Board	20-60	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
12	KP	Board	30-240	A1	(-)	30-155	≤ 3.5	any
13	KP/HB	Board	50-240	A1	(-)	30-155	≤ 3.5	any
14	KP 035	Board	30-200	A1	(-)	30-155	≤ 3.5	any
15	KP/HB 035	Board	30-200	A1	(-)	30-155	≤ 3.5	any
16	FPL	Board	30-200	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
17	FP	Board	30-220	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
18	FPS	Board	30-220	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}

(-) no facing/coating (classification report no. PK-13-050)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-15-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)

(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-15-AUPE, FIRES-CR-92-15-AUPE); Glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-091-15-AUPE)

(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-034-12-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-034-12-AUPE)

a) field of application for products with facing/coating and A1 classification, see table A1-2

Table A1-1 Line 1 standard building products (continued):

No.	Product			Classification				
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m ³]	Loss of Ignition [mass%]	Thickness Range [mm]
19	FPL-035	Board	30-240	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
20	ADN	Board	20-245	A1	(-)	30-155	≤ 3.5	any
21	ADE	Board	40-100	A1	(1),(3)	^{a)}	^{a)}	^{a)}
22	DPF-30	Board	40-140	A1	(-)	30-155	≤ 3.5	any
23	DPF-40	Board	40-240	A1	(-)	30-155	≤ 3.5	any
24	DPF-50	Board	20-200	A1	(-)	30-155	≤ 3.5	any
25	DPF-100	Board	30-140	A1	(-)	30-155	≤ 3.5	any
26	PTP	Board	50-220	A1	(-)	30-155	≤ 3.5	any
27	PTP-LP	Board	20	A1	(-)	30-155	≤ 3.5	any
28	PTP-LP	Board	30-40	A1	(-)	30-155	≤ 3.5	any
29	MPN	Board	40-245	A1	(-)	30-155	≤ 3.5	any
30	MPE	Board	30-245	A1	(-)	30-155	≤ 3.5	any
31	MPS	Board	30-245	A1	(-)	30-155	≤ 3.5	any
32	FRN	Board	40-245	A1	(-)	30-155	≤ 3.5	any
33	FRK	Board	50-180	A1	(1),(3)	^{a)}	^{a)}	^{a)}
34	FRE	Board	30-200	A1	(-)	30-155	≤ 3.5	any
35	FRE-P	Board	30-200	A1	(-)	30-155	≤ 3.5	any
36	FRV	Board	30-200	A1	(1),(3)	^{a)}	^{a)}	^{a)}
37	FKD N	Board	40-245	A1	(-)	30-155	≤ 3.5	any
38	FKD N Thermal	Board	40-245	A1	(-)	30-155	≤ 3.5	any
39	SMARTwall N	Board	40-245	A1	(-)	30-155	≤ 3.5	any
40	FB N	Board	40-245	A1	(-)	30-155	≤ 3.5	any
41	OUT-Therm	Board	40-245	A1	(-)	30-155	≤ 3.5	any
42	FKD N C1	Board	40-245	A1	(12)	30-155	≤ 3.5	any
43	SMARTwall N C1	Board	40-245	A1	(12)	30-155	≤ 3.5	any
44	FB N C1	Board	40-245	A1	(12)	30-155	≤ 3.5	any
45	OUT-Therm C1	Board	40-245	A1	(12)	30-155	≤ 3.5	any
46	FKD N C2	Board	40-245	A1	(13)	30-155	≤ 3.5	any
47	SMARTwall N C2	Board	40-245	A1	(13)	30-155	≤ 3.5	any
48	FB N C2	Board	40-245	A1	(13)	30-155	≤ 3.5	any
49	OUT-Therm C2	Board	40-245	A1	(13)	30-155	≤ 3.5	any
50	FKD RS C1	Board	20-40	A1	(12)	30-155	≤ 3.5	any
51	FKD RS C2	Board	20-40	A1	(13)	30-155	≤ 3.5	any
52	FKD RS	Board	20-40	A1	(-)	30-155	≤ 3.5	any
53	FKD	Board	40-245	A1	(-)	30-155	≤ 3.5	any

(-) no facing/coating (classification report no. PK-13-050)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-15-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)

(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-15-AUPE, FIRES-CR-92-15-AUPE); Glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-091-15-AUPE)

(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-034-12-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-034-12-AUPE)

a) field of application for products with facing/coating and A1 classification, see table A1-2

Table A1-1 Line 1 standard building products (continued):

No.	Product			Classification				
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m³]	Loss of Ignition [mass%]	Thickness Range [mm]
54	FKD C1	Board	40-160	A1	(12)	30-155	≤ 3.5	any
55	FKD C2	Board	40-160	A1	(13)	30-155	≤ 3.5	any
56	FKD S	Board	40-245	A1	(-)	30-155	≤ 3.5	any
57	EASY CFP 036	Board	40-245	A1	(-)	30-155	≤ 3.5	any
58	FKD S Thermal	Board	40-245	A1	(-)	30-155	≤ 3.5	any
59	SMARTwall S	Board	40-245	A1	(-)	30-155	≤ 3.5	any
60	FB S	Board	40-245	A1	(-)	30-155	≤ 3.5	any
61	FKD-S C1	Board	40-245	A1	(12)	30-155	≤ 3.5	any
62	FKD-S C2	Board	40-245	A1	(13)	30-155	≤ 3.5	any
63	SMARTwall S C1	Board	40-245	A1	(12)	30-155	≤ 3.5	any
64	FB S C1	Board	40-245	A1	(12)	30-155	≤ 3.5	any
65	SMARTwall S C2	Board	40-245	A1	(12)	30-155	≤ 3.5	any
66	FB S C2	Board	40-245	A1	(12)	30-155	≤ 3.5	any
67	FKD B	Board	20-40	A1	(-)	30-155	≤ 3.5	any
68	FKD B	Board	50-245	A1	(-)	30-155	≤ 3.5	any
69	SmartRoof Base	Board	20-30	A1	(-)	30-155	≤ 3.5	any
70	SDP 035	Board	20-30	A1	(-)	30-155	≤ 3.5	any
71	SmartRoof Base	Board	40-240	A1	(-)	30-155	≤ 3.5	any
72	SDP 035	Board	40-240	A1	(-)	30-155	≤ 3.5	any
73	DDP-N	Board	40-240	A1	(-)	30-155	≤ 3.5	any
74	SmartRoof Thermal	Board	30-200	A1	(-)	30-155	≤ 3.5	any
75	DDP-U	Board	50-160	A1	(-)	30-155	≤ 3.5	any
76	SmartRoof Norm	Board	40-160	A1	(-)	30-155	≤ 3.5	any
77	SmartRoof Top	Board	40-120	A1	(-)	30-155	≤ 3.5	any
78	TERMOTOP	Board	40-120	A1	(-)	30-155	≤ 3.5	any
79	DF	Board	60-140	A1	(-)	30-155	≤ 3.5	any
80	PTN	Board	20	A1	(-)	30-155	≤ 3.5	any
81	PTN	Board	25	A1	(-)	30-155	≤ 3.5	any
82	PTN	Board	30	A1	(-)	30-155	≤ 3.5	any
83	PTN	Board	35-65	A1	(-)	30-155	≤ 3.5	any
84	PTE	Board	20	A1	(-)	30-155	≤ 3.5	any
85	PTE	Board	25	A1	(-)	30-155	≤ 3.5	any
86	PTE	Board	30	A1	(-)	30-155	≤ 3.5	any
87	PTE	Board	35	A1	(-)	30-155	≤ 3.5	any

(-) no facing/coating (classification report no. PK-13-050)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-15-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)

(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-15-AUPE, FIRES-CR-92-15-AUPE); Glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-091-15-AUPE)

(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-034-12-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-034-12-AUPE)

a) field of application for products with facing/coating and A1 classification, see table A1-2

Table A1-1 Line 1 standard building products (continued):

No.	Product			Classification				
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m ³]	Loss of Ignition [mass%]	Thickness Range [mm]
88	PTE	Board	45	A1	(-)	30-155	≤ 3.5	any
89	PTE	Board	55-70	A1	(-)	30-155	≤ 3.5	any
90	PTS	Board	20	A1	(-)	30-155	≤ 3.5	any
91	EASY FLB 039	Board	20	A1	(-)	30-155	≤ 3.5	any
92	PTS	Board	25	A1	(-)	30-155	≤ 3.5	any
93	EASY FLB 039	Board	25	A1	(-)	30-155	≤ 3.5	any
94	PTS	Board	30	A1	(-)	30-155	≤ 3.5	any
95	EASY FLB 039	Board	30	A1	(-)	30-155	≤ 3.5	any
96	PTS	Board	40	A1	(-)	30-155	≤ 3.5	any
97	EASY FLB 039	Board	40	A1	(-)	30-155	≤ 3.5	any
98	PTS	Board	50-70	A1	(-)	30-155	≤ 3.5	any
99	EASY FLB 039	Board	50-70	A1	(-)	30-155	≤ 3.5	any
100	PTS	Board	80	A1	(-)	30-155	≤ 3.5	any
101	EASY FLB 039	Board	80	A1	(-)	30-155	≤ 3.5	any
102	TP	Board	20	A1	(-)	30-155	≤ 3.5	any
103	TP	Board	25	A1	(-)	30-155	≤ 3.5	any
104	TP	Board	30	A1	(-)	30-155	≤ 3.5	any
105	TP	Board	35-65	A1	(-)	30-155	≤ 3.5	any
106	TPS	Board	20	A1	(-)	30-155	≤ 3.5	any
107	TPS	Board	23-30	A1	(-)	30-155	≤ 3.5	any
108	TPS	Board	35	A1	(-)	30-155	≤ 3.5	any
109	TPS	Board	40-45	A1	(-)	30-155	≤ 3.5	any
110	TPS	Board	50	A1	(-)	30-155	≤ 3.5	any
111	TPS	Board	55-70	A1	(-)	30-155	≤ 3.5	any
112	TPE	Board	15	A1	(-)	30-155	≤ 3.5	any
113	TPE	Board	20	A1	(-)	30-155	≤ 3.5	any
114	TPE	Board	25	A1	(-)	30-155	≤ 3.5	any
115	TPE	Board	30	A1	(-)	30-155	≤ 3.5	any
116	TPE	Board	35-50	A1	(-)	30-155	≤ 3.5	any
117	TPE	Board	60-80	A1	(-)	30-155	≤ 3.5	any
118	PVT	Board	20-120	A1	(-)	30-155	≤ 3.5	any
119	Core 037	Board	40-144	A1	(-) or (3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
120	VENTI PRO	Board	50-220	A1	(-)	30-155	≤ 3.5	any

(-) no facing/coating (classification report no. PK-13-050)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-15-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)

(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-15-AUPE, FIRES-CR-92-15-AUPE); Glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-091-15-AUPE)

(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-034-12-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-034-12-AUPE)

a) field of application for products with facing/coating and A1 classification, see table A1-2

Table A1-2: Field of application for products with facing/coating and A1 classification

Facing/coating	Density Range	Loss of Ignition	Thickness Range
	[kg/m ³]	[mass%]	[mm]
(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-15-AUPE)	≤ 150	≤ 3.5	≤ 60
(1) glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m ²) (classification report no. FIRES-CR-090-15-AUPE)	30-85	≤ 3.0	20-120
	110-130	≤ 2.0	20-120
(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-15-AUPE)	≤ 150	≤ 3.5	≤ 60
(3) glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m ²) (classification report no. FIRES-CR-091-15-AUPE)	65-85	≤ 3.5	≤ 100
(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-034-12-AUPE)	30-155	≤ 3.5	any
(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-034-12-AUPE)	30-155	≤ 3.5	any

Gräfelfing, 14 October 2019



Dr. Andreas Schmeller



Certification Body

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-146.0-01 Annex A Line 2

Factory: Knauf Insulation s.r.o., 968 14 Nová Baňa, Slovakia

Construction product(s): Factory made mineral wool products according EN 13162:2012+A1:2015 with conventional binder

Intended use: Thermal insulation products for buildings

**Level(s) or class(es)
Reaction to fire:** For uses subject to regulations of reaction to fire A1, A2, B, C. 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 A2-1: Description of the products - Line 2 standard building products -

No.	Product			Classification				
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m ³]	Loss of Ignition [mass%]	Thickness Range [mm]
1	TPE	Board	15	A1	(-)	85-200	≤ 3.5	any
2	TPE	Board	20	A1	(-)	85-200	≤ 3.5	any
3	TPE	Board	25-30	A1	(-)	85-200	≤ 3.5	any
4	TPE	Board	35-50	A1	(-)	85-200	≤ 3.5	any
5	TPE	Board	60-80	A1	(-)	85-200	≤ 3.5	any
6	PTP	Board	50-220	A1	(-)	85-200	≤ 3.5	any
7	PTP-LP	Board	20	A1	(-)	85-200	≤ 3.5	any
8	PTP-LP	Board	30-40	A1	(-)	85-200	≤ 3.5	any
9	SDP	Board	40-200	A1	(-)	85-200	≤ 3.5	any
10	DP-12	Board	30-140	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
11	BS-12	Board	30-140	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
12	BS-13	Board	50-160	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
13	DP-13	Board	60-120	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
14	DP-14	Board	20-120	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
15	DP-15	Board	20-140	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
16	FKD	Board	50-200	A1	(-)	85-200	≤ 3.5	any
17	FKD C1	Board	50-200	A1	(12)	85-200	≤ 3.5	any
18	FKD C2	Board	50-200	A1	(13)	85-200	≤ 3.5	any

(-) no facing/coating (classification report no. PK-13-050)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-15-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)

(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-15-AUPE, FIRES-CR-92-15-AUPE); Glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-091-15-AUPE)

(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-034-12-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-034-12-AUPE)

a) field of application for products with facing/coating and A1 classification, see table A2-2

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

Table A2-1 Line 2 standard building products (continued):

No.	Product			Classification				
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m ³]	Loss of Ignition [mass%]	Thickness Range [mm]
19	FKD S Thermal	Board	40-245	A1	(-)	85-200	≤ 3.5	any
20	SMARTwall S	Board	40-245	A1	(-)	85-200	≤ 3.5	any
21	FB S	Board	40-245	A1	(-)	85-200	≤ 3.5	any
22	FDK-S C1	Board	40-245	A1	(-)	85-200	≤ 3.5	any
23	FKD-S C2	Board	40-245	A1	(12)	85-200	≤ 3.5	any
24	SMARTwall S C1	Board	40-245	A1	(13)	85-200	≤ 3.5	any
25	FB S C1	Board	40-245	A1	(13)	85-200	≤ 3.5	any
26	SMARTwall S C2	Board	40-245	A1	(12)	85-200	≤ 3.5	any
27	FB S C2	Board	40-245	A1	(12)	85-200	≤ 3.5	any
28	FKL	Lamella	40-400	A1	(13)	85-200	≤ 3.5	any
29	FKL C1	Lamella	40-400	A1	(-)	85-200	≤ 3.5	any
30	FKL C2	Lamella	40-400	A1	(12)	85-200	≤ 3.5	any
31	CL	Lamella	20-30	A1	(13)	85-200	≤ 3.5	any
32	CLT	Lamella	20-30	A1	(13)	85-200	≤ 3.5	any
33	CL	Lamella	40-300	A1	(-)	85-200	≤ 3.5	any
34	CLT	Lamella	40-300	A1	(-)	85-200	≤ 3.5	any
35	CL C1	Lamella	20-30	A1	(-)	85-200	≤ 3.5	any
36	CLT C1	Lamella	20-30	A1	(-)	85-200	≤ 3.5	any
37	CL C1	Lamella	40-300	A1	(12)	85-200	≤ 3.5	any
38	CLT C1	Lamella	40-300	A1	(12)	85-200	≤ 3.5	any
39	CL C2	Lamella	20-30	A1	(12)	85-200	≤ 3.5	any
40	CLT C2	Lamella	20-30	A1	(12)	85-200	≤ 3.5	any
41	CL C2	Lamella	40-300	A1	(13)	85-200	≤ 3.5	any
42	CLT C2	Lamella	40-300	A1	(13)	85-200	≤ 3.5	any
43	CLT C1 Thermal	Lamella	50-240	A1	(13)	85-200	≤ 3.5	any
44	CLT C2 Thermal	Lamella	50-240	A1	(12)	85-200	≤ 3.5	any
45	FKD B	Board	20-40	A1	(13)	85-200	≤ 3.5	any
46	FKD B	Board	50-160	A1	(-)	85-200	≤ 3.5	any
47	SmartRoof Base	Board	70-240	A1	(-)	85-200	≤ 3.5	any
48	SDP 035	Board	70-240	A1	(-)	85-200	≤ 3.5	any
49	DDP-N	Board	40-240	A1	(-)	85-200	≤ 3.5	any
50	SmartRoof Thermal	Board	30-200	A1	(-)	85-200	≤ 3.5	any
51	DDP-U	Board	50-200	A1	(-)	85-200	≤ 3.5	any
52	SmartRoof Norm	Board	40-200	A1	(-)	85-200	≤ 3.5	any

(-) no facing/coating (classification report no. PK-13-050)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-15-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)

(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-15-AUPE, FIRES-CR-92-15-AUPE); Glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-091-15-AUPE)

(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-034-12-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-034-12-AUPE)

a) field of application for products with facing/coating and A1 classification, see table A2-2

Table A2-1 Line 2 standard building products (continued):

No.	Product			Classification				
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m ³]	Loss of Ignition [mass%]	Thickness Range [mm]
53	SmartRoof Top	Board	60-180	A1	(-)	85-200	≤ 3.5	any
54	TERMOTOP	Board	60-180	A1	(-)	85-200	≤ 3.5	any
55	DDP-X	Board	60-160	A1	(-)	85-200	≤ 3.5	any
56	DDP Plus	Board	40-100	A1	(-)	85-200	≤ 3.5	any
57	PVT	Board	20-120	A1	(-)	85-200	≤ 3.5	any
58	Termotoit RT	Board	30-40	A1	(-)	85-200	≤ 3.5	any
59	Termotoit RT	Board	50-160	A1	(-)	85-200	≤ 3.5	any
60	FKD S Thermal	Board	40-245	A1	(-)	85-200	≤ 3.5	any
61	SMARTwall S	Board	40-245	A1	(-)	85-200	≤ 3.5	any
62	FB S	Board	40-245	A1	(-)	85-200	≤ 3.5	any

(-) no facing/coating (classification report no. PK-13-050)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-15-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)

(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-15-AUPE, FIRES-CR-92-15-AUPE); Glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-091-15-AUPE)

(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-034-12-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-034-12-AUPE)

a) field of application for products with facing/coating and A1 classification, see table A2-2

Table A2-2: Notes regarding different facings restrictions class A1

Facing	Density Range	Loss of Ignition	Thickness Range
	[kg/m ³]	[mass%]	[mm]
(-) uncoated product	85-200	≤ 3.5	any
(1) glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m ²) (classification report no. FIRES-CR-090-15-AUPE)	110-130	≤ 2.0	20-120
(3) glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m ²) (classification report no. FIRES-CR-091-15-AUPE)	110-130	≤ 2.3	≤ 100
(12) silicate sprayed surface (one side) (classification report no. FIRES-CR-034-12-AUPE)	85-200	≤ 3.5	any
(13) silicate sprayed surface (both sides) (classification report no. FIRES-CR-034-12-AUPE)	85-200	≤ 3.5	any

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Dr. Andreas Schmeller

Certification Body

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-146.0-01 Annex B Line 1

Factory: Knauf Insulation s.r.o., 968 14 Nová Baňa, Slovakia

Construction product(s): Factory made mineral wool products according EN 13162:2012+A1:2015 with conventional binder

Intended use: Thermal insulation products for buildings

**Level(s) or class(es)
Reaction to fire:** For uses subject to regulations of reaction to fire A1, A2, B, C.
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 B1-1: Description of the products - Line 1 OEM products

No.	Product			Classification				
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m ³]	Loss of Ignition [mass%]	Thickness Range [mm]
1	Board D3	Board	30-200	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
2	Board D3,5	Board	40-200	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
3	Board D4	Board	30-240	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
4	Board D5	Board	30-200	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
5	Board D5,5	Board	30-240	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
6	Board D6	Board	20-140	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
7	Board D6,5	Board	30-220	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
8	Board D7	Board	20-150	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
9	Board D8	Board	20-240	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
10	Board D9	Board	30-140	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
11	Board D10	Board	20-140	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
12	Board D10	Board	15-140	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
13	Board D11,5	Board	60-140	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
14	Board D12	Board	20-70	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
15	Board D13	Board	15-80	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
16	Board D15	Board	20-80	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
17	Board Basic	Board	30-200	A1	(-) or (1),(3)	30-155 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}

(-) no facing/coating (classification report no. PK-13-050)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-15-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)

(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-15-AUPE, FIRES-CR-92-15-AUPE); Glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-091-15-AUPE)

a) field of application for products with facing/coating and A1 classification, see table B1-2

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

Table B1-1 Line 1 OEM products (continued):

No.	Product			Classification				
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m ³]	Loss of Ignition [mass%]	Thickness Range [mm]
18	Board Premium	Board	30-200	A1	(-)	30-155	≤ 3.5	any
19	Board High	Board	30-200	A1	(-)	30-155	≤ 3.5	any
20	Board Supreme	Board	30-200	A1	(-)	30-155	≤ 3.5	any
21	VK Board D9	Board	50-245	A1	(-)	30-155	≤ 3.5	any
22	VK Board D10	Board	20-200	A1	(-)	30-155	≤ 3.5	any
23	VK Board D11	Board	20-245	A1	(-)	30-155	≤ 3.5	any
24	VK Board D13	Board	60-200	A1	(-)	30-155	≤ 3.5	any
25	VK Board D14	Board	70-160	A1	(-)	30-155	≤ 3.5	any
26	VK Board D15	Board	40-220	A1	(-)	30-155	≤ 3.5	any

(-) no facing/coating (classification report no. PK-13-050)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-15-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)

(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-15-AUPE, FIRES-CR-92-15-AUPE), Glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-091-15-AUPE)

a) field of application for products with facing/coating and A1 classification, see table B1-2

Table B1-2: Field of application for products with facing/coating and A1 classification

Facing/coating	Density Range [kg/m ³]	Loss of Ignition [mass%]	Thickness Range [mm]
(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-15-AUPE)	≤ 150	≤ 3.5	≤ 60
(1) glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m ²) (classification report no. FIRES-CR-090-15-AUPE)	30-85	≤ 3.0	20-120
	110-130	≤ 2.0	20-120
(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-15-AUPE)	≤ 150	≤ 3.5	≤ 60
(3) glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m ²) (classification report no. FIRES-CR-091-15-AUPE)	65-85	≤ 3.5	≤ 100
(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-034-12-AUPE)	30-155	≤ 3.5	any
(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-034-12-AUPE)	30-155	≤ 3.5	any

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Dr. Andreas Schmeller

Certification Body

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-146.0-01 Annex B Line 2

Factory: Knauf Insulation s.r.o., 968 14 Nová Baňa, Slovakia

Construction product(s): Factory made mineral wool products according EN 13162:2012+A1:2015 with conventional binder

Intended use: Thermal insulation products for buildings

**Level(s) or class(es)
Reaction to fire:** For uses subject to regulations of reaction to fire A1, A2, B, C.
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 B2-1: Description of the products - Line 2 OEM products

No.	Product			Reaction to Fire Class	Classification			
	Name	Description	Thickness Range [mm]		Facing	Density Range [kg/m ³]	Loss of Ignition [mass%]	Thickness Range [mm]
1	Board D12	Board	30-140	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
2	Board D13	Board	30-80	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
3	Board D14	Board	20-120	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
4	VK Board D10	Board	20-160	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
5	VK Board D11	Board	70-245	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
6	VK Board D12	Board	50-70	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
7	VK Board D13	Board	60-200	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
8	VK Board D14	Board	40-200	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
9	VK Board D15	Board	20-200	A1	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
10	VK Board D16	Board	70	A1	(-)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
11	VK Board D17	Board	60	A1	(-)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
12	VK Board D18	Board	20-120	A1	(-)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
13	VK Board D20	Board	40-100	A1	(-)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
14	Lamella Basic	Lamella	20-300	A1	(-)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}

(-) no facing/coating (classification report no. PK-13-050)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-15-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)

(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-15-AUPE, FIRES-CR-92-15-AUPE); Glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-091-15-AUPE)
a) field of application for products with facing/coating and A1 classification, see table B2-2

Table B2-2: Notes regarding different facings restrictions class A1

Facing	Density Range	Loss of Ignition	Thickness Range
	[kg/m ³]	[mass%]	[mm]
(-) uncoated product	85-200	≤ 3.5	any
(1) glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m ²) (classification report no. FIRES-CR-090-15-AUPE)	110-130	≤ 2.0	20-120
(3) glass fleece white (GVN) with glue (PCS ≤ 0,6 MJ/m ²) (classification report no. FIRES-CR-091-15-AUPE)	110-130	≤ 2.3	≤ 100
(12) silicate sprayed surface (one side) (classification report no. FIRES-CR-034-12-AUPE)	85-200	≤ 3.5	any
(13) silicate sprayed surface (both sides) (classification report no. FIRES-CR-034-12-AUPE)	85-200	≤ 3.5	any

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