

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)

Placed on the market under the name or trade mark of

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 described in Annex ZA of the standard

EN 13162:2012+A1:2015

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 08 May 2017 and will remain valid (but no longer than 31.12.2022) as long as neither the harmonized 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 20 December 2021



Dr. Andreas Schmeller

Andreas Schmeller
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.

System of assessment and verification of Constancy of Performance: 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 [kg/m ³]	Loss of Ignition [mass%]	Thickness Range [mm]
1	DP-3	Board	30-200	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
2	DP-4	Board	30-130	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
3	DP-5	Board	30-140	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
4	DP-6	Board	30-140	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
5	DP-7	Board	20-150	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
6	DP-8	Board	20-240	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
7	DP-9	Board	30-140	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
8	DP-10	Board	15-140	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
9	TW	Board	40-160	A1	(-)	30-160 ^{a)}	≤ 5	any
10	WP	Board	30-220	A1	(-)	30-160	≤ 5	any
11	AP	Board	20-60	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
12	KP	Board	30-240	A1	(-)	30-160	≤ 5	any
13	KP/HB	Board	50-240	A1	(-)	30-160	≤ 5	any
14	KP 035	Board	30-200	A1	(-)	30-160	≤ 5	any
15	KP/HB 035	Board	30-200	A1	(-)	30-160	≤ 5	any
16	FPL	Board	30-200	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
17	FP	Board	30-220	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}

(-) no facing/coating (classification report no. PK-21-096)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-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-088-21-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 A1-2

(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-175-20-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-175-20-AUPE)

(14) Allfix (GVN) (classification report no. 145/21-530-4)

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]
18	FPS	Board	30-220	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
19	FPL-035	Board	30-240	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
20	ADN	Board	20-245	A1	(-)	30-160	≤ 5	any
21	ADE	Board	40-100	A1/A2-s1,d0	(1),(3)	^{a)}	^{a)}	^{a)}
22	DPF-30	Board	40-140	A1	(-)	30-160	≤ 5	any
23	DPF-40	Board	40-240	A1	(-)	30-160	≤ 5	any
24	DPF-50	Board	20-200	A1	(-)	30-160	≤ 5	any
25	DPF-100	Board	30-140	A1	(-)	30-160	≤ 5	any
26	PTP	Board	50-220	A1	(-)	30-160	≤ 5	any
27	PTP-LP	Board	20	A1	(-)	30-160	≤ 5	any
28	PTP-LP	Board	30-40	A1	(-)	30-160	≤ 5	any
29	MPN	Board	40-245	A1	(-)	30-160	≤ 5	any
30	MPE	Board	30-245	A1	(-)	30-160	≤ 5	any
31	MPS	Board	30-245	A1	(-)	30-160	≤ 5	any
32	FRN	Board	40-245	A1	(-)	30-160	≤ 5	any
33	FRK	Board	50-180	A1/A2-s1,d0	(1),(3)	^{a)}	^{a)}	^{a)}
34	FRE	Board	30-200	A1	(-)	30-160	≤ 5	any
35	FRE-P	Board	30-200	A1	(-)	30-160	≤ 5	any
36	FRV	Board	30-245	A1/A2-s1,d0	(1),(3)	^{a)}	^{a)}	^{a)}
37	FKD N	Board	40-245	A1	(-)	30-160	≤ 5	any
38	EXPERT CFB 035	Board	40-245	A1	(-)	30-160	≤ 5	any
39	FKD N Thermal	Board	40-245	A1	(-)	30-160	≤ 5	any
40	MW Dämmplatte 034 Evo	Board	40-245	A1	(-)	30-160	≤ 5	any
41	SMARTwall N	Board	40-245	A1	(-)	30-160	≤ 5	any
42	FB N	Board	40-245	A1	(-)	30-160	≤ 5	any
43	HbK FKD N Thermal	Board	40-245	A1	(-)	30-160	≤ 5	any
44	OUT-Therm	Board	40-245	A1	(-)	30-160	≤ 5	any
45	FKD N C1	Board	40-245	A1	(12)	30-160	≤ 5	any
46	SMARTwall N C1	Board	40-245	A1	(12)	30-160	≤ 5	any
47	MW Dämmplatte 034 Evo+	Board	40-245	A1	(12)	30-160	≤ 5	any
48	FB N C1	Board	40-245	A1	(12)	30-160	≤ 5	any
49	HbK SMARTwall N C1	Board	40-245	A1	(12)	30-160	≤ 5	any

(-) no facing/coating (classification report no. PK-21-096)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-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-088-21-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-175-20-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-175-20-AUPE)

(14) Allfix (GVN) (classification report no. 145/21-530-4)

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	Reaction to Fire Class	Facing	Density Range	Loss of Ignition	Thickness Range
			[mm]			[kg/m ³]	[mass%]	[mm]
50	OUT-Therm C1	Board	40-245	A1	(12)	30-160	≤ 5	any
51	FKD N C2	Board	40-245	A1	(13)	30-160	≤ 5	any
52	SMARTwall N C2	Board	40-245	A1	(13)	30-160	≤ 5	any
53	FB N C2	Board	40-245	A1	(13)	30-160	≤ 5	any
54	HbK SMARTwall N C2	Board	40-245	A1	(13)	30-160	≤ 5	any
55	OUT-Therm C2	Board	40-245	A1	(13)	30-160	≤ 5	any
57	FKD RS C2	Board	20-40	A1	(13)	30-160	≤ 5	any
58	FKD RS	Board	20-40	A1	(-)	30-160	≤ 5	any
59	SmartWall FKD-S Perimeter	Board	20-40	A1	(-)	30-160	≤ 5	any
60	FKD	Board	40-245	A1	(-)	30-160	≤ 5	any
61	FKD C1	Board	40-160	A1	(12)	30-160	≤ 5	any
62	FKD C2	Board	40-160	A1	(13)	30-160	≤ 5	any
63	FKD S	Board	40-245	A1	(-)	30-160	≤ 5	any
64	EASY CFP 036	Board	40-245	A1	(-)	30-160	≤ 5	any
65	EXPERT CFB 036	Board	40-245	A1	(-)	30-160	≤ 5	any
66	FKD S Thermal	Board	40-245	A1	(-)	30-160	≤ 5	any
67	SMARTwall S	Board	40-245	A1	(-)	30-160	≤ 5	any
68	FB S	Board	40-245	A1	(-)	30-160	≤ 5	any
69	FKD-S C1	Board	40-245	A1	(12)	30-160	≤ 5	any
70	FKD-S C2	Board	40-245	A1	(13)	30-160	≤ 5	any
71	SMARTwall S C1	Board	40-245	A1	(12)	30-160	≤ 5	any
72	FB S C1	Board	40-245	A1	(12)	30-160	≤ 5	any
73	SMARTwall S C2	Board	40-245	A1	(12)	30-160	≤ 5	any
74	FB S C2	Board	40-245	A1	(12)	30-160	≤ 5	any
75	FKD B	Board	20-40	A1	(-)	30-160	≤ 5	any
76	FKD B	Board	50-245	A1	(-)	30-160	≤ 5	any
77	SmartRoof Base	Board	20-30	A1	(-)	30-160	≤ 5	any
78	SDP 035	Board	20-30	A1	(-)	30-160	≤ 5	any
79	SmartRoof Base	Board	40-240	A1	(-)	30-160	≤ 5	any
80	SDP 035	Board	40-240	A1	(-)	30-160	≤ 5	any
81	DDP-N	Board	40-240	A1	(-)	30-160	≤ 5	any
82	SmartRoof Thermal	Board	30-200	A1	(-)	30-160	≤ 5	any
83	SmartRoof Thermal AllFix	Board	40-160	A2-s1,d0	(14)	a)	≤ 4,2	a)

(-) no facing/coating (classification report no. PK-21-096)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-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-088-21-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 A1-2

(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-175-20-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-175-20-AUPE)

(14) Allfix (GVN) (classification report no. 145/21-530-4)

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

No.	Product			Classification				
	Name	Description	Thickness Range	Reaction to Fire Class	Facing	Density Range	Loss of Ignition	Thickness Range
			[mm]			[kg/m ³]	[mass%]	[mm]
84	DDP-U	Board	50-160	A1	(-)	30-160	≤ 5	any
85	SmartRoof Norm	Board	40-160	A1	(-)	30-160	≤ 5	any
86	SmartRoof ULTRA	Board	70-180	A1	(-)	30-160	≤ 5	any
87	SmartRoof ULTRA	Board	40-60	A1	(-)	30-160	≤ 5	any
88	SmartRoof PRO	Board	50-200	A1	(-)	30-160	≤ 5	any
89	SmartRoof Top	Board	40-200	A1	(-)	30-160	≤ 5	any
90	TERMOTOP	Board	40-200	A1	(-)	30-160	≤ 5	any
91	DF	Board	60-140	A1	(-)	30-160	≤ 5	any
92	PTN	Board	20	A1	(-)	30-160	≤ 5	any
88	PTN	Board	25	A1	(-)	30-160	≤ 5	any
89	PTN	Board	30	A1	(-)	30-160	≤ 5	any
90	PTN	Board	35-65	A1	(-)	30-160	≤ 5	any
91	PTE	Board	20	A1	(-)	30-160	≤ 5	any
92	PTE	Board	25	A1	(-)	30-160	≤ 5	any
93	PTE	Board	30	A1	(-)	30-160	≤ 5	any
94	PTE	Board	35	A1	(-)	30-160	≤ 5	any
95	PTE	Board	45	A1	(-)	30-160	≤ 5	any
96	PTE	Board	55-70	A1	(-)	30-160	≤ 5	any
97	PTS	Board	20	A1	(-)	30-160	≤ 5	any
98	EASY FLB 039	Board	20	A1	(-)	30-160	≤ 5	any
99	PTS	Board	25	A1	(-)	30-160	≤ 5	any
100	EASY FLB 039	Board	25	A1	(-)	30-160	≤ 5	any
101	PTS	Board	30	A1	(-)	30-160	≤ 5	any
102	EASY FLB 039	Board	30	A1	(-)	30-160	≤ 5	any
103	PTS	Board	40	A1	(-)	30-160	≤ 5	any
104	EASY FLB 039	Board	40	A1	(-)	30-160	≤ 5	any
105	PTS	Board	50-70	A1	(-)	30-160	≤ 5	any
106	EASY FLB 039	Board	50-70	A1	(-)	30-160	≤ 5	any
107	PTS	Board	80	A1	(-)	30-160	≤ 5	any
108	EASY FLB 039	Board	80	A1	(-)	30-160	≤ 5	any
109	TP	Board	20	A1	(-)	30-160	≤ 5	any
110	TP	Board	25	A1	(-)	30-160	≤ 5	any
111	TP	Board	30	A1	(-)	30-160	≤ 5	any
112	TP	Board	35-65	A1	(-)	30-160	≤ 5	any

(-) no facing/coating (classification report no. PK-21-096)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-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-088-21-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 A1-2

(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-175-20-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-175-20-AUPE)

(14) Allfix (GVN) (classification report no. 145/21-530-4)

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]
113	TPS	Board	20	A1	(-)	30-160	≤ 5	any
114	TPS	Board	23-30	A1	(-)	30-160	≤ 5	any
115	TPS	Board	35	A1	(-)	30-160	≤ 5	any
116	TPS	Board	40-45	A1	(-)	30-160	≤ 5	any
117	TPS	Board	50	A1	(-)	30-160	≤ 5	any
118	TPS	Board	55-70	A1	(-)	30-160	≤ 5	any
115	TPE	Board	15	A1	(-)	30-160	≤ 5	any
116	TPE	Board	20	A1	(-)	30-160	≤ 5	any
117	TPE	Board	25	A1	(-)	30-160	≤ 5	any
118	TPE	Board	30	A1	(-)	30-160	≤ 5	any
119	TPE	Board	35-50	A1	(-)	30-160	≤ 5	any
120	TPE	Board	60-80	A1	(-)	30-160	≤ 5	any
121	PVT	Board	20-120	A1	(-)	30-160	≤ 5	any
122	Core 037	Board	40-144	A1/A2-s1,d0	(-) or (3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
123	VENTI PRO	Board	50-220	A1	(-)	30-160	≤ 5	any
124	VENTI PRO B	Board	50-200	A1	(1)	^{a)}	^{a)}	^{a)}

(-) no facing/coating (classification report no. PK-21-096)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-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-088-21-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-175-20-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-175-20-AUPE)

(14) Allfix (GVN) (classification report no. 145/21-530-4)

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]
(-) no facing/coating (classification report no. PK-21-096)	30-160	≤ 5	any
(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-AUPE)	40-140	≤ 4.5	17-240
(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-088-21-AUPE)	40-140	≤ 4.5	17-240
(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
(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-092-15-AUPE)	30-50	≤ 3.5	≤ 50
(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-175-20-AUPE)	30-160	≤ 5	any
(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-175-20-AUPE)	30-160	≤ 5	any
(14) Allfix (GVN) (classification report no. 145/21-530-4 from ZAG)	80 (±10%)	≤ 4,2	40-180
	80-140 (±10%)		40-160

Gräfelfing, 20 December 2021



Dr. Andreas Schmöller
Andreas Schmöller
 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.

System of assessment and verification of Constancy of Performance: 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/m³]	Loss of Ignition [mass%]	Thickness Range [mm]
1	TPE	Board	15	A1	(-)	70-175	≤ 5	any
2	TPE	Board	20	A1	(-)	70-175	≤ 5	any
3	TPE	Board	25-30	A1	(-)	70-175	≤ 5	any
4	TPE	Board	35-50	A1	(-)	70-175	≤ 5	any
5	TPE	Board	60-80	A1	(-)	70-175	≤ 5	any
6	PTP	Board	50-220	A1	(-)	70-175	≤ 5	any
7	PTP-LP	Board	20	A1	(-)	70-175	≤ 5	any
8	PTP-LP	Board	30-40	A1	(-)	70-175	≤ 5	any
9	SDP	Board	40-200	A1	(-)	70-175	≤ 5	any
10	DP-12	Board	30-200	A1/A2-s1,d0	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
11	BS-12	Board	30-140	A1/A2-s1,d0	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
12	BS-13	Board	50-160	A1/A2-s1,d0	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
13	DP-13	Board	60-120	A1/A2-s1,d0	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
14	DP-14	Board	20-120	A1/A2-s1,d0	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
15	DP-15	Board	20-140	A1/A2-s1,d0	(-) or (1),(3)	85-200 ^{a)}	≤ 3.5 ^{a)}	any ^{a)}
16	FKD	Board	50-200	A1	(-)	70-175	≤ 5	any
17	FKD C1	Board	50-200	A1	(12)	70-175	≤ 5	any
18	FKD C2	Board	50-200	A1	(13)	70-175	≤ 5	any

(-) no facing/coating (classification report no. PK-21-096)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-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-088-21-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 A2-2

(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-175-20-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-175-20-AUPE)

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	Reaction to Fire Class	Facing	Density Range	Loss of Ignition	Thickness Range
			[mm]			[kg/m ³]		[mass%]
19	FKD S	Board	40-245	A1	(-)	70-175	≤ 5	any
20	EASY CFP 036	Board	40-245	A1	(-)	70-175	≤ 5	any
21	EXPERT CFB 036	Board	40-245	A1	(-)	70-175	≤ 5	any
22	FKD S Thermal	Board	40-245	A1	(-)	70-175	≤ 5	any
23	SMARTwall S	Board	40-245	A1	(-)	70-175	≤ 5	any
24	FB S	Board	40-245	A1	(-)	70-175	≤ 5	any
25	FDK-S C1	Board	40-245	A1	(-)	70-175	≤ 5	any
26	FKD-S C2	Board	40-245	A1	(12)	70-175	≤ 5	any
27	SMARTwall S C1	Board	40-245	A1	(13)	70-175	≤ 5	any
28	FB S C1	Board	40-245	A1	(13)	70-175	≤ 5	any
29	SMARTwall S C2	Board	40-245	A1	(12)	70-175	≤ 5	any
30	FB S C2	Board	40-245	A1	(12)	70-175	≤ 5	any
31	FKL	Lamella	40-400	A1	(13)	70-175	≤ 5	any
32	FKL C1	Lamella	40-400	A1	(-)	70-175	≤ 5	any
33	FKL C2	Lamella	40-400	A1	(12)	70-175	≤ 5	any
34	CL	Lamella	20-30	A1	(13)	70-175	≤ 5	any
35	CLT	Lamella	20-30	A1	(13)	70-175	≤ 5	any
36	CL	Lamella	40-300	A1	(-)	70-175	≤ 5	any
37	CLT	Lamella	40-300	A1	(-)	70-175	≤ 5	any
38	CL C1	Lamella	20-30	A1	(-)	70-175	≤ 5	any
39	CLT C1	Lamella	20-30	A1	(-)	70-175	≤ 5	any
40	CL C1	Lamella	40-300	A1	(12)	70-175	≤ 5	any
41	CLT C1	Lamella	40-300	A1	(12)	70-175	≤ 5	any
42	CL C2	Lamella	20-30	A1	(12)	70-175	≤ 5	any
43	CLT C2	Lamella	20-30	A1	(12)	70-175	≤ 5	any
44	CL C2	Lamella	40-300	A1	(13)	70-175	≤ 5	any
45	CLT C2	Lamella	40-300	A1	(13)	70-175	≤ 5	any
46	CLT C1 Thermal	Lamella	50-240	A1	(13)	70-175	≤ 5	any
47	CLT C2 Thermal	Lamella	50-240	A1	(12)	70-175	≤ 5	any
48	FKD B	Board	20-40	A1	(13)	70-175	≤ 5	any
49	FKD B	Board	50-160	A1	(-)	70-175	≤ 5	any
50	SmartRoof Base	Board	70-240	A1	(-)	70-175	≤ 5	any
51	SDP 035	Board	70-240	A1	(-)	70-175	≤ 5	any
52	DDP-N	Board	40-240	A1	(-)	70-175	≤ 5	any

(-) no facing/coating (classification report no. PK-21-096)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-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-088-21-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 A2-2

(12) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-175-20-AUPE)

(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-175-20-AUPE)

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 Thermal	Board	30-200	A1	(-)	70-175	≤ 5	any
54	DDP-U	Board	50-200	A1	(-)	70-175	≤ 5	any
55	SmartRoof Norm	Board	40-200	A1	(-)	70-175	≤ 5	any
56	SMARTRoof ULTRA	Board	70-180	A1	(-)	70-175	≤ 5	any
57	SMARTRoof ULTRA	Board	40-60	A1	(-)	70-175	≤ 5	any
58	SmartRoof PRO	Board	50-200	A1	(-)	70-175	≤ 5	any
59	DDP	Board	60-180	A1	(-)	70-175	≤ 5	any
60	SmartRoof Top	Board	60-200	A1	(-)	70-175	≤ 5	any
61	TERMOTOP	Board	60-200	A1	(-)	70-175	≤ 5	any
62	DDP-X	Board	60-160	A1	(-)	70-175	≤ 5	any
63	DDP Plus	Board	40-160	A1	(-)	70-175	≤ 5	any
64	PVT	Board	20-120	A1	(-)	70-175	≤ 5	any
65	Termotoit RT	Board	30-40	A1	(-)	70-175	≤ 5	any
66	Termotoit RT	Board	50-160	A1	(-)	70-175	≤ 5	any
67	FKD S Thermal	Board	40-245	A1	(-)	70-175	≤ 5	any
68	SMARTwall S	Board	40-245	A1	(-)	70-175	≤ 5	any
69	FB S	Board	40-245	A1	(-)	** 70-175	≤ 5	any
70	FKD-MAX C2	Board	60-200	A1	(13)	70-175	≤ 5	any

(-) no facing/coating (classification report no. PK-21-096)
 (1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)
 (2) silicate sprayed surface (one-sided) (classification report no. FIRES-CR-175-20-AUPE)
 (3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-21-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)
 (13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-175-20-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 [kg/m ³]	Loss of Ignition [mass%]	Thickness Range [mm]
(-) no facing/coating (classification report no. PK-21-096)	70-175	≤ 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-175-20-AUPE)	70-175	≤ 5	any
(13) silicate sprayed surface (both sides) (classification report no. FIRES-CR-175-20-AUPE)	70-175	≤ 5	any

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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.

System of assessment and verification of Constancy of Performance: 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	Loss of Ignition [mass%]	Thickness Range [mm]
						[kg/m ³]		
1	Board D3	Board	30-200	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
2	Board D3,5	Board	40-200	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
3	Board D4	Board	30-240	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
4	Board D5	Board	30-200	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
5	Board D5,5	Board	30-240	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
6	Board D6	Board	20-140	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
7	Board D6,5	Board	30-220	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
8	Board D7	Board	20-150	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
9	Board D8	Board	20-240	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
10	Board D9	Board	30-140	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
11	Board D10	Board	20-140	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
12	Board D10	Board	15-140	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
13	Board D11,5	Board	60-140	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
14	Board D12	Board	20-70	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
15	Board D13	Board	15-80	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
16	Board D15	Board	20-80	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}
17	Board Basic	Board	30-200	A1/A2-s1,d0	(-) or (1),(3)	30-160 ^{a)}	≤ 5 ^{a)}	any ^{a)}

(-) no facing/coating (classification report no. PK-21-096)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)

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

(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-21-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 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	(-)	30-160	≤ 5	any
19	Board High	Board	30-200	A1	(-)	30-160	≤ 5	any
20	Board Supreme	Board	30-200	A1	(-)	30-160	≤ 5	any
21	VK Board D9	Board	50-245	A1	(-)	30-160	≤ 5	any
22	VK Board D10	Board	20-200	A1	(-)	30-160	≤ 5	any
23	VK Board D11	Board	20-245	A1	(-)	30-160	≤ 5	any
24	VK Board D13	Board	60-200	A1	(-)	30-160	≤ 5	any
25	VK Board D14	Board	70-160	A1	(-)	30-160	≤ 5	any
26	VK Board D15	Board	40-220	A1	(-)	30-160	≤ 5	any

(-) no facing/coating (classification report no. PK-21-096)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-AUPE); Glass fleece black (GVB) with glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-090-15-AUPE)

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

(3) glass fleece white (GVN) with resin (classification report no. FIRES-CR-088-21-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)

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]
(-) no facing/coating (classification report no. PK-21-096)	30-160	≤ 5	any
(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-AUPE)	40-140	≤ 4.5	17-240
(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-088-21-AUPE)	40-140	≤ 4.5	17-240
(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-175-20-AUPE)	30-160	≤ 5	any
(13) silicate sprayed surface (double-sided) (classification report no. FIRES-CR-175-20-AUPE)	30-160	≤ 5	any

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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.

System of assessment and verification of Constancy of Performance: 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/A2-s1,d0	(-) or (1),(3)	70-175 ^{a)}	≤ 5 ^{a)}	any ^{a)}
2	Board D13	Board	30-80	A1/A2-s1,d0	(-) or (1),(3)	70-175 ^{a)}	≤ 5 ^{a)}	any ^{a)}
3	Board D14	Board	20-120	A1/A2-s1,d0	(-) or (1),(3)	70-175 ^{a)}	≤ 5 ^{a)}	any ^{a)}
4	VK Board D10	Board	20-160	A1/A2-s1,d0	(-) or (1),(3)	70-175 ^{a)}	≤ 5 ^{a)}	any ^{a)}
5	VK Board D11	Board	70-245	A1/A2-s1,d0	(-) or (1),(3)	70-175 ^{a)}	≤ 5 ^{a)}	any ^{a)}
6	VK Board D12	Board	50-70	A1/A2-s1,d0	(-) or (1),(3)	70-175 ^{a)}	≤ 5 ^{a)}	any ^{a)}
7	VK Board D13	Board	60-200	A1/A2-s1,d0	(-) or (1),(3)	70-175 ^{a)}	≤ 5 ^{a)}	any ^{a)}
8	VK Board D14	Board	40-200	A1/A2-s1,d0	(-) or (1),(3)	70-175 ^{a)}	≤ 5 ^{a)}	any ^{a)}
9	VK Board D15	Board	20-200	A1/A2-s1,d0	(-) or (1),(3)	70-175 ^{a)}	≤ 5 ^{a)}	any ^{a)}
10	VK Board D16	Board	70	A1	(-)	70-175	≤ 5	any
11	VK Board D17	Board	60	A1	(-)	70-175	≤ 5	any
12	VK Board D18	Board	20-120	A1	(-)	70-175	≤ 5	any
13	VK Board D20	Board	40-100	A1	(-)	70-175	≤ 5	any
14	Lamella Basic	Lamella	20-300	A1	(-)	70-175	≤ 5	any

(-) no facing/coating (classification report no. PK-21-096)

(1) glass fleece black (GVB) with resin (classification report no. FIRES-CR-088-21-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-088-21-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]
(-) no facing/coating (classification report no. PK-21-096)	70-175	≤ 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-175-20-AUPE)	70-175	≤ 5	any
(13) silicate sprayed surface (both sides) (classification report no. FIRES-CR-175-20-AUPE)	70-175	≤ 5	any

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