

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 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

KNAUF INSULATION

Thermal insulation products for buildings

Factory made mineral wool products (MW) according EN 13162:2012 + A1:2015
(details see annex)

produced by or for

KNAUF INSULATION s.r.o.

Železničný rad 24, 968 01, Nová Baňa
and produced in the manufacturing plant(s)

Železničný rad 24
968 01, Nová Baňa

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 27 February 2015 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized 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 1 March 2017).

Gräfelfing, 29 February 2016


Dipl.-Ing. (FH) Wolfgang Albrecht
Head of Certification Body


ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-146.0-01

Factory: KNAUF INSULATION s.r.o., Železničný rad 24, 968 01, Nová Baňa

Construction product(s): products according to EN 13162:2012 + A1:2015

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 the reaction to fire classification

Attestation of conformity system: 1

Table 1: Description of the products - Line 1 standard products -

No.	Product				Classification ^{a)}			
	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	(-) or (1),(3)	30-155	≤ 3.5	any
2	DP-4	board	30-130	A1	(-) or (1),(3)	30-155	≤ 3.5	any
3	DP-5	board	30-140	A1	(-) or (1),(3)	30-155	≤ 3.5	any
4	DP-6	board	30-140	A1	(-) or (1),(3)	30-155	≤ 3.5	any
5	DP-7	board	20-150	A1	(-) or (1),(3)	30-155	≤ 3.5	any
6	DP-8	board	20-240	A1	(-) or (1),(3)	30-155	≤ 3.5	any
7	DP-9	board	30-140	A1	(-) or (1),(3)	30-155	≤ 3.5	any
8	DP-10	board	15-140	A1	(-) or (1),(3)	30-155	≤ 3.5	any
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	≤ 3.5	any
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

a) Field of application for products with facings and A1 classification, see table 2.

(-) Uncoated products (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 side) (classification report no. FIRES-CR-034-12-AUPE);

(13) Silicate sprayed surface (both sides) (classification report no. FIRES-CR-034-12-AUPE);

No.	Product				Classification ^{a)}			
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m ³]	Loss of Ignition [mass %]	Thickness Range [mm]
15	KP/HB 035	board	30-200	A1	(-)	30-155	≤ 3.5	any
16	FPL	board	30-200	A1	(-) or (1),(3)	30-155	≤ 3.5	any
17	FP	board	30-220	A1	(-) or (1),(3)	30-155	≤ 3.5	any
18	FPS	board	30-220	A1	(-) or (1),(3)	30-155	≤ 3.5	any
19	FPL-035	board	30-240	A1	(-) or (1),(3)	30-155	≤ 3.5	any
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, SMARTwall N, FB N	board	40-245	A1	(-)	30-155	≤ 3.5	any
39	OUT-Therm	board	40-245	A1	(-)	30-155	≤ 3.5	any
40	FKD N C1	board	40-245	A1	(12)	a)	a)	a)
41	SMARTwall N C1, FB N C1	board	40-245	A1	(12)	a)	a)	a)
42	OUT-Therm C1	board	40-245	A1	(12)	a)	a)	a)
43	FKD N C2	board	40-245	A1	(13)	a)	a)	a)
44	SMARTwall N C2, FB N C2	board	40-245	A1	(13)	a)	a)	a)
45	OUT-Therm C2	board	40-245	A1	(13)	a)	a)	a)
46	FKD RS C1	board	20-40	A1	(12)	a)	a)	a)

a) Field of application for products with facings and A1 classification, see table 2.

(-) Uncoated products (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 side) (classification report no. FIRES-CR-034-12-AUPE);

(13) Silicate sprayed surface (both sides) (classification report no. FIRES-CR-034-12-AUPE);

No.	Product				Classification ^{a)}			
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m ³]	Loss of Ignition [mass %]	Thickness Range [mm]
47	FKD RS C2	board	20-40	A1	(13)	a)	a)	a)
48	FKD RS	board	20-40	A1	(-)	30-155	≤ 3.5	any
49	FKD	board	40-245	A1	(-)	30-155	≤ 3.5	any
50	FKD C1	board	40-160	A1	(12)	a)	a)	a)
51	FKD C2	board	40-160	A1	(13)	a)	a)	a)
52	FKD S, EASY CFP 036	board	40-245	A1	(-)	30-155	≤ 3.5	any
53	FKD-S Thermal, SMARTwall S, FB S	board	40-245	A1	(-)	30-155	≤ 3.5	any
54	FKD-S C1	board	40-245	A1	(12)	a)	a)	a)
55	FKD-S C2	board	40-245	A1	(13)	a)	a)	a)
56	SMARTwall S C1, FB S C1	board	40-245	A1	(12)	a)	a)	a)
57	SMARTwall S C2, FB S C2	board	40-245	A1	(13)	a)	a)	a)
58	DDP B, FKD B	board	20-40	A1	(-)	30-155	≤ 3.5	any
59	DDP B, FKD B	board	50-245	A1	(-)	30-155	≤ 3.5	any
60	DDP-K	board	20-30	A1	(-)	30-155	≤ 3.5	any
61	DDP-K	board	40-200	A1	(-)	30-155	≤ 3.5	any
62	SMARTroof Base	board	20-30	A1	(-)	30-155	≤ 3.5	any
63	SMARTroof Base	board	40-200	A1	(-)	30-155	≤ 3.5	any
64	DDP-N	board	40-200	A1	(-)	30-155	≤ 3.5	any
65	DDP-RT	board	30-40	A1	(-)	30-155	≤ 3.5	any
66	DDP-RT	board	50-200	A1	(-)	30-155	≤ 3.5	any
67	SMARTroof Thermal	board	30-200	A1	(-)	30-155	≤ 3.5	any
68	DDP-U	board	50-160	A1	(-)	30-155	≤ 3.5	any
69	SMARTroof Norm	board	40-160	A1	(-)	30-155	≤ 3.5	any
70	DDP	board	40-120	A1	(-)	30-155	≤ 3.5	any
71	SMARTroof TOP , TERMOTOP	board	40-120	A1	(-)	30-155	≤ 3.5	any
72	DF	board	60-140	A1	(-)	30-155	≤ 3.5	any
73	PTN	board	20	A1	(-)	30-155	≤ 3.5	any
74	PTN	board	25	A1	(-)	30-155	≤ 3.5	any
75	PTN	board	30	A1	(-)	30-155	≤ 3.5	any
76	PTN	board	35-65	A1	(-)	30-155	≤ 3.5	any

a) Field of application for products with facings and A1 classification, see table 2.

(-) Uncoated products (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 side) (classification report no. FIRES-CR-034-12-AUPE);

(13) Silicate sprayed surface (both sides) (classification report no. FIRES-CR-034-12-AUPE);

No.	Product				Classification ^{a)}			
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m ³]	Loss of Ignition [mass %]	Thickness Range [mm]
77	PTE	board	20	A1	(-)	30-155	≤ 3.5	any
78	PTE	board	25	A1	(-)	30-155	≤ 3.5	any
79	PTE	board	30	A1	(-)	30-155	≤ 3.5	any
80	PTE	board	35	A1	(-)	30-155	≤ 3.5	any
81	PTE	board	45	A1	(-)	30-155	≤ 3.5	any
82	PTE	board	55-70	A1	(-)	30-155	≤ 3.5	any
83	PTS, EASY FLB 039	board	20	A1	(-)	30-155	≤ 3.5	any
84	PTS, EASY FLB 039	board	25	A1	(-)	30-155	≤ 3.5	any
85	PTS, EASY FLB 039	board	30	A1	(-)	30-155	≤ 3.5	any
86	PTS, EASY FLB 039	board	40	A1	(-)	30-155	≤ 3.5	any
87	PTS, EASY FLB 039	board	50-70	A1	(-)	30-155	≤ 3.5	any
88	PTS, EASY FLB 039	board	80	A1	(-)	30-155	≤ 3.5	any
89	TP	board	20	A1	(-)	30-155	≤ 3.5	any
90	TP	board	25	A1	(-)	30-155	≤ 3.5	any
91	TP	board	30	A1	(-)	30-155	≤ 3.5	any
92	TP	board	35-65	A1	(-)	30-155	≤ 3.5	any
93	TPS	board	20	A1	(-)	30-155	≤ 3.5	any
94	TPS	board	23-30	A1	(-)	30-155	≤ 3.5	any
95	TPS	board	35	A1	(-)	30-155	≤ 3.5	any
96	TPS	board	40-45	A1	(-)	30-155	≤ 3.5	any
97	TPS	board	50	A1	(-)	30-155	≤ 3.5	any
98	TPS	board	55-70	A1	(-)	30-155	≤ 3.5	any
99	TPE	board	15	A1	(-)	30-155	≤ 3.5	any
100	TPE	board	20	A1	(-)	30-155	≤ 3.5	any
101	TPE	board	25	A1	(-)	30-155	≤ 3.5	any
102	TPE	board	30	A1	(-)	30-155	≤ 3.5	any
103	TPE	board	35-50	A1	(-)	30-155	≤ 3.5	any
104	TPE	board	60-80	A1	(-)	30-155	≤ 3.5	any

a) Field of application for products with facings and A1 classification, see table 2.

(-) Uncoated products (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 side) (classification report no. FIRES-CR-034-12-AUPE);

(13) Silicate sprayed surface (both sides) (classification report no. FIRES-CR-034-12-AUPE);

Table 2: Field of application for products with facings and A1 classification

Facing	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 side) (classification report no. FIRES-CR-034-12-AUPE)	30-155	≤ 3.5	any
(13) silicate sprayed surface (both sides) (classification report no. FIRES-CR-034-12-AUPE)	30-155	≤ 3.5	any

Gräfelfing, 29 February 2016

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a) Field of application for products with facings and A1 classification, see table 2.

(-) Uncoated products (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 side) (classification report no. FIRES-CR-034-12-AUPE);

(13) Silicate sprayed surface (both sides) (classification report no. FIRES-CR-034-12-AUPE);

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-146.0-01

Factory: KNAUF INSULATION s.r.o., Železničný rad 24, 968 01, Nová Baňa

Construction product(s): products according to EN 13162:2012 + A1:2015

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 the reaction to fire classification

Attestation of conformity system: 1

Table 3: Description of the products - Line 2 standard products -

No.	Product				Classification ^{a)}			
	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	(-)	85-200	≤ 3.5	any
11	BS-12	board	30-140	A1	(-) or (1),(3)	85-200	≤ 3.5	any
12	BS-13	board	50-160	A1	(-) or (1),(3)	85-200	≤ 3.5	any
13	DP-13	board	60-120	A1	(-)	85-200	≤ 3.5	any
14	DP-14	board	20-120	A1	(-)	85-200	≤ 3.5	any
15	DP-15	board	20-140	A1	(-)	85-200	≤ 3.5	any
16	FKD	board	50-200	A1	(-)	85-200	≤ 3.5	any

a) Field of application for products with facings and A1 classification, see table 4.

(-) Uncoated products (classification report no. PK-13-050);

(1) 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 glue (PCS ≤ 0,6 MJ/m²) (classification report no. FIRES-CR-091-15-AUPE);

(12) Silicate sprayed surface (one side) (classification report no. FIRES-CR-034-12-AUPE);

(13) Silicate sprayed surface (both sides) (classification report no. FIRES-CR-034-12-AUPE);

No.	Product				Classification ^{a)}			
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m ³]	Loss of Ignition [mass %]	Thickness Range [mm]
17	FKD C1	board	50-200	A1	(12)	a)	a)	a)
18	FKD C2	board	50-200	A1	(13)	a)	a)	a)
19	FKD S, EASY CFP 036	board	40-245	A1	(-)	85-200	≤ 3.5	any
20	FKD-S Thermal, SMARTwall S, FB S	board	40-245	A1	(-)	85-200	≤ 3.5	any
21	FKD-S C1	board	40-245	A1	(12)	a)	a)	a)
22	FKD-S C2	board	40-245	A1	(13)	a)	a)	a)
23	SMARTwall S C1, FB S C1	board	40-245	A1	(12)	a)	a)	a)
24	SMARTwall S C2, FB S C2	board	40-245	A1	(13)	a)	a)	a)
25	FKL	lamella	20-30	A1	(-)	85-200	≤ 3.5	any
26	FKL	lamella	40-400	A1	(-)	85-200	≤ 3.5	any
27	FKL C1	lamella	20-30	A1	(12)	a)	a)	a)
28	FKL C1	lamella	40-400	A1	(12)	a)	a)	a)
29	FKL C2	lamella	20-30	A1	(13)	a)	a)	a)
30	FKL C2	lamella	40-400	A1	(13)	a)	a)	a)
31	CL, CLT	lamella	20-30	A1	(-)	85-200	≤ 3.5	any
32	CL, CLT	lamella	40-300	A1	(-)	85-200	≤ 3.5	any
33	CL C1, CLT C1	lamella	20-30	A1	(12)	a)	a)	a)
34	CL C1, CLT C1	lamella	40-300	A1	(12)	a)	a)	a)
35	CL C2, CLT C2	lamella	20-30	A1	(13)	a)	a)	a)
36	CL C2, CLT C2	lamella	40-300	A1	(13)	a)	a)	a)
37	DDP B, FKD B	board	20-40	A1	(-)	85-200	≤ 3.5	any
38	DDP B, FKD B	board	50-160	A1	(-)	85-200	≤ 3.5	any
39	DDP-K	board	70-200	A1	(-)	85-200	≤ 3.5	any
40	SMARTroof Base	board	70-200	A1	(-)	85-200	≤ 3.5	any
41	DDP-N	board	40-200	A1	(-)	85-200	≤ 3.5	any
42	DDP-RT	board	30-40	A1	(-)	85-200	≤ 3.5	any
43	DDP-RT	board	50-200	A1	(-)	85-200	≤ 3.5	any
44	SMARTroof Thermal	board	30-200	A1	(-)	85-200	≤ 3.5	any
45	DDP-U	board	50-200	A1	(-)	85-200	≤ 3.5	any
46	SMARTroof Norm	board	40-200	A1	(-)	85-200	≤ 3.5	any
47	DDP	board	60-180	A1	(-)	85-200	≤ 3.5	any

a) Field of application for products with facings and A1 classification, see table 2.

(-) Uncoated products (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 side) (classification report no. FIRES-CR-034-12-AUPE);


(13) Silicate sprayed surface (both sides) (classification report no. FIRES-CR-034-12-AUPE);


No.	Product				Classification ^{a)}			
	Name	Description	Thickness Range [mm]	Reaction to Fire Class	Facing	Density Range [kg/m ³]	Loss of Ignition [mass %]	Thickness Range [mm]
48	SMARTroof TOP, TERMOTOP	board	60-180	A1	(-)	85-200	≤ 3.5	any
49	DDP-X	board	60-160	A1	(-)	85-200	≤ 3.5	any
50	DDP Plus	board	40-100	A1	(-)	85-200	≤ 3.5	any
51	PVT	board	20-50	A1	(-)	85-200	≤ 3.5	any
52	PVT	board	60-120	A1	(-)	85-200	≤ 3.5	any
53	Termotoit RT	board	30-40	A1	(-)	85-200	≤ 3.5	any
54	Termotoit RT	board	50-160	A1	(-)	85-200	≤ 3.5	any

Table 4: Notes regarding different facings restrictions class A1

Facing	Density Range [kg/m ³]	Loss of Ignition [mass%]	Thickness Range [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

Gräfelfing, 29 February 2016


 Dipl.-Ing. (FH) Wolfgang Albrecht
 Head of Certification Body



a) Field of application for products with facings and A1 classification, see table 2.

(-) Uncoated products (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 side) (classification report no. FIRES-CR-034-12-AUPE);

(13) Silicate sprayed surface (both sides) (classification report no. FIRES-CR-034-12-AUPE);