

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-091.0-01

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 (MW) products acc. EN 13162:2012+A1:2015
with conventional binder

(details see annex A for OEM products with conventional binder,
annex B for standard building products with conventional binder,
annex C for Promapyr products with conventional binder)

produced by or for

Knauf Insulation d.o.o

Trata 32, 4220 Skofja Loka, Republic of Slovenia

and produced in the manufacturing plant(s)

Knauf Insulation d.o.o
4220 Skofja Loka

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 28 February 2017 and will remain valid (but no longer than 28.02.2024) 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 22.05.2023



Dr. Andreas Schmeller


Certification Body

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-091.0-01 Annex A Line 1

Factory: Knauf Insulation d.o.o, 4220 Skofja Loka

Construction product(s): Factory made mineral wool (MW) products acc. 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 OEM products at line 1

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
1	Board D3	board	9/15 ²⁾ -250	A1	(-)	1
2	Board D4	board	9/15 ²⁾ -250	A1/A2-s1,d0	(-), (1), (2), (3), (4), (5), (7), (9), (10) (1)+(3), (3)+(5), (1) +(7), (3)+(7)	1, 2
3	Board D4,5	board	9/15 ²⁾ -250	A1/A2-s1,d0		
4	Board D5	board	9/15 ²⁾ -250	A1/A2-s1,d0		
5	Board D5,5	board	9/15 ²⁾ -250	A1/A2-s1,d0		
6	Board D6	board	9/15 ²⁾ -210	A1/A2-s1,d0		
7	Board D7 BT	board	9/15 ²⁾ -180	A1	(-)	1
8	Board D7	board	9/15 ²⁾ -180	A1/A2-s1,d0	(-), (1), (2), (3), (4), (5), (6), (7), (9), (10) (1)+(3), (3)+(5), (1) +(7), (3)+(7)	1, 2
9	Board D8	board	9/15 ²⁾ -160	A1/A2-s1,d0		
10	Board D9	board	9/15 ²⁾ -140	A1/A2-s1,d0		
11	Board D10	board	9/15 ²⁾ -130	A1/A2-s1,d0		
12	Board D11	board	9/15 ²⁾ -110	A1/A2-s1,d0		
13	Board D11,5	board	9/15 ²⁾ -110	A1/A2-s1,d0	(-), (1), (2), (3), (4), (5), (6), (7), (9), (10) (1)+(3), (3)+(5), (1) +(7), (3)+(7)	1
14	Board D12	board	9/15 ²⁾ -100	A1/A2-s1,d0		
15	Board D13	board	9/15 ²⁾ -100	A1/A2-s1,d0		
16	Board D14	board	9/15 ²⁾ -90	A1/A2-s1,d0		
17	Board D15	board	9/15 ²⁾ -80	A1/A2-s1,d0	(-), (1), (2), (3), (4), (5), (6), (7), (9), (10) (1)+(3), (3)+(5), (1) +(7), (3)+(7)	1

(-) without any facing/coating

(1) GVB / VBS (black glass fleece one-sided)

(2) GVB2 / VBD (black glass fleece double-sided)

(3) GVN / VWS (white glass fleece one-sided)

(4) GVN2 / VWD (white glass fleece one-sided)

(5) AluR (aluminum foil with reinforcing grid one-sided)

(6) AluR2 (aluminum foil with reinforcing grid double-sided)

(7) ALU (aluminum foil one-sided)

(9) GW1/WBS (glass woven cloth one-sided)

(10) GW2/WBD (glass woven cloth double-sided)

(11) GRS (grinded surface one side)

(12) GRD (grinded surface – both sides)

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B21312 No. 3; Additional classification report for GVN (line 1): 904/21-530-1 (ZAG); 2) ZAG 530-FK-01/2018 for facing (9) and (10)

² Thickness of products without coating

Note: Product alternative name has always one of the following prefixes - PBE, DRS, CHM S, CHM C, TSP, DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, SPA and UGS

Table A1-1: Description of OEM products at line 1 (continued):

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
18	Board D16	board	9/15 ²⁾ -80	A1/A2-s1,d0	(-), (1), (2), (3), (4), (5), (6),(7), (1)+(3),(3)+(5),(1) +(7),(3)+(7)	1
19	Board D17	board	9/15 ²⁾ -70	A1/A2-s1,d0		
20	Board D18	board	9/15 ²⁾ -70	A1/A2-s1,d0		
21	Board D19	board	9/15 ²⁾ -60	A1/A2-s1,d0		
22	Board D20	board	9/15 ²⁾ -60	A1/A2-s1,d0		
23	Board Basic	board	25-140	A1	(-)	1
24	Board Premium	board	20-130	A1	(-)	
25	Board High	board	20-102	A1	(-)	
26	Board Supreme	board	20-102	A1	(-)	
27	Board Premium Thermal	board	25-140	A1	(-)	
28	Board High X-Trend	board	20-102	A1	(-)	
29	Lamella Basic	lamella	40-300	A1	(-)	
30	Lamella Premium	lamella	40-300	A1	(-)	
31	Lamella High	lamella	40-300	A1	(-)	
32	Lamella Supreme	lamella	40-300	A1	(-)	
33	Lamella Premium Thermal	lamella	40-300	A1	(-)	
34	Lamella High X-Trend	lamella	40-300	A1	(-)	
35	Lamella LITE	lamella	40-300	A1	(-)	
36	Board LITE	board	30-200	A1	(-)	
37	VK Board D9	board	25-140	A1	(-)	
38	VK Board D9 Thermal	board	25-140	A1	(-)	
39	VK Board D11,5 Thermal	board	30-300	A1	(-)	1
40	VK Board D12	board	20-100	A1	(-)	
41	VK Board D13	board	20-100	A1	(-)	
42	VK Board D14 – VK Board D20	board	9-250	A1	(-)	
43	(*) Crimp Fire Board D9	board	25-140	A1	(-)	
44	(*) Crimp Fire Board D10 - Crimp Fire Board D11	board	25-250	A1	(-)	

(-) without any facing/coating

(1) GVB / VBS (black glass fleece one-sided)

(2) GVB2 / VBD (black glass fleece double-sided)

(3) GVN / VWS (white glass fleece one-sided)

(4) GVN2 / VWD (white glass fleece one-sided)

(5) AluR (aluminum foil with reinforcing grid one-sided)

(6) AluR2 (aluminum foil with reinforcing grid double-sided)

(7) ALU (aluminum foil one-sided)

(9) GW1/WBS (glass woven cloth one-sided)

(10) GW2/WBD (glass woven cloth double-sided)

(11) GRS (grinded surface one side)

(12) GRD (grinded surface – both sides)

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B21312 No. 3; Additional classification report for GVN (line 1): 904/21-530-1 (ZAG); 2) ZAG 530-FK-01/2018 for facing (9) and (10)

² Thickness of products without coating

Note: Product alternative name has always one of the following prefixes - PBE, DRS, CHM S, CHM C, TSP, DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, SPA and UGS

Table A1-1: Description of OEM products at line 1 (continued):

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
45	(*) Crimp Fire Board D12 - Crimp Fire Board D14	board	25-250	A1	(-)	1
46	(*) Crimp Fire Board D15	board	25-230	A1	(-)	
47	(*) Crimp Fire Board D16	board	20-210	A1	(-)	
48	(*) Crimp Fire Board D17	board	20-200	A1	(-)	
49	(*) Crimp Fire Board D18	board	20-190	A1	(-)	
50	(*) Crimp Fire Board D19	board	20-180	A1	(-)	
51	(*) Crimp Fire Board D20	board	20-170	A1	(-)	
52	(*) Functional Fire board D9	board	25-140	A1	(-)	
53	(*) Functional Fire board D10	board	20-130	A1	(-)	
54	(*) Functional Fire board D11	board	20-110	A1	(-)	
55	(*) Functional Fire board D12 - Functional Fire board D13	board	20-100	A1	(-)	
56	(*) Functional Fire board D14	board	20-90	A1	(-)	
57	(*) Functional Fire board D15	board	20-80	A1	(-)	
58	(*) Functional Fire board D16	board	20-80	A1	(-)	
59	(*) Functional Fire board D17 - Functional Fire board D18	board	20-70	A1	(-)	
60	(*) Functional Fire board D19	board	20-60	A1	(-)	
61	(*) Functional Fire board D20	board	20-60	A1	(-)	

(-) without any facing/coating

(1) GVB / VBS (black glass fleece one-sided)

(2) GVB2 / VBD (black glass fleece double-sided)

(3) GVN / VWS (white glass fleece one-sided)

(4) GVN2 / VWD (white glass fleece one-sided)

(5) AluR (aluminum foil with reinforcing grid one-sided)

(6) AluR2 (aluminum foil with reinforcing grid double-sided)

(7) ALU (aluminum foil one-sided)

(9) GW1/WBS (glass woven cloth one-sided)

(10) GW2/WBD (glass woven cloth double-sided)

(11) GRS (grinded surface one side)

(12) GRD (grinded surface – both sides)

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B21312 No. 3; Additional classification report for GVN (line 1): 904/21-530-1 (ZAG); 2) ZAG 530-FK-01/2018 for facing (9) and (10)

Note: Product alternative name has always one of the following prefixes - PBE, DRS, CHM S, CHM C, TSP, DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, SPA, and UGS

Table A1-1: Description of OEM products at line 1 (continued):

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
62	(* Fire board D7 / Fire board 2D D7 / Fire board 3D D7	board	25-140	A1	(-)	1
63	(* Fire board D8 / Fire board 2D D8 / Fire board 3D D8	board	25-140	A1	(-)	
64	(* Fire board D9 / Fire board 2D D9 / Fire board 3D D9	board	25-140	A1	(-)	
65	(* Fire board D10 / Fire board 2D D10 / Fire board 3D D10	board	20-130	A1	(-)	
66	(* Fire board D11 / Fire board 2D D11 / Fire board 3D D11	board	20-110	A1	(-)	
67	(* Fire board D12 / Fire board 2D D12 / Fire board 3D D12	board	20-100	A1	(-)	
68	(* Fire board D13 / Fire board 2D D13 / Fire board 3D D13	board	20-100	A1	(-)	
69	(* Fire board D14 / Fire board 2D D14 / Fire board 3D D14	board	20-90	A1	(-)	
70	(* Fire board D15 / Fire board 2D D15 / Fire board 3D D15	board	20-80	A1	(-)	
71	(* Fire board D16 / Fire board 2D D16 / Fire board 3D D16	board	20-80	A1	(-)	
72	(* Fire board D17 / Fire board 2D D17 / Fire board 3D D17	board	20-70	A1	(-)	
73	(* Fire board D18 / Fire board 2D D18 / Fire board 3D D18	board	20-70	A1	(-)	
74	(* Fire board D19 / Fire board 2D D19 / Fire board 3D D19	board	20-60	A1	(-)	
75	(* Fire board D20 / Fire board 2D D20 / Fire board 3D D20	board	20-60	A1	(-)	

(-) without any facing/coating

(1) GVB / VBS (black glass fleece one-sided)

(2) GVB2 / VBD (black glass fleece double-sided)

(3) GVN / VWS (white glass fleece one-sided)

(4) GVN2 / VWD (white glass fleece one-sided)

(5) AluR (aluminum foil with reinforcing grid one-sided)

(6) AluR2 (aluminum foil with reinforcing grid double-sided)

(7) ALU (aluminum foil one-sided)

(9) GW1/WBS (glass woven cloth one-sided)

(10) GW2/WBD (glass woven cloth double-sided)

(11) GRS (grinded surface one side)

(12) GRD (grinded surface – both sides)

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B21312 No. 3; 2) ZAG 530-FK-01/2018 for facing (9) and (10); Additional classification report for GVN (line 1): 904/21-530-1 (ZAG)

Note: Product alternative name has always one of the following prefixes - PBE, DRS, CHM S, CHM C, TSP, DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, WWC, SPA and UGS

Table A1-1: Description of OEM products at line 1 (continued):

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
76	LX Basic	board	20-160	A1	(-)	1
77	LX Premium	board	20-160	A1	(-)	
78	LX High	board	20-160	A1	(-)	
79	LX Supreme	board	20-160	A1	(-)	
80	LX D9 - LX D9,5	board	20-160	A1	(-)	
81	LX D10	board	20-160	A1	(-)	
82	LX D11 - LX D12	board	20-160	A1	(-)	
83	LX D13,5	board	20-160	A1	(-)	
84	LX D15	board	20-130	A1	(-)	
85	Core 034	board	18-220	A1	(-)	
86	Core 040	board	18-220	A1	(-)	
87	Thermo-teK BD 040	board	40-110	A1	(1), (2), (3), (4), (9), (10)	1,2
88	Thermo-teK BD 050	board	40-110	A1		
89	Thermo-teK BD 060	board	40-110	A1		
90	Thermo-teK BD 070	board	40-110	A1		
91	Thermo-teK BD 080	board	40-110	A1		
92	Thermo-teK BD 090	board	40-110	A1		
93	Thermo-teK BD 100	board	40-110	A1		
94	Thermo-teK BD 110	board	40-110	A1		
95	Sound-teK BD 804	board	40-110	A1	(1), (2), (3), (4), (9), (10)	1,2
96	Sound-teK BD 805	board	40-110	A1		
97	Sound-teK BD 806	board	40-110	A1		
98	Sound-teK BD 807	board	40-110	A1		
99	Sound-teK BD 808	board	40-110	A1		
100	Sound-teK BD 809	board	40-110	A1		
101	Sound-teK BD 810	board	40-110	A1		
102	Sound-teK BD 811	board	40-110	A1	(-), (11), (12)	1
103	Fire-teK BD 914	board	30-100	A1		
104	Fire-teK BD 915	board	30-100	A1		
105	Fire-teK BD 916	board	30-100	A1		
106	Fire-teK BD 917	board	30-100	A1		
107	Fire-teK BD 918	board	30-100	A1		

(-) without any facing/coating

(1) GVB / VBS (black glass fleece one-sided)

(2) GVB2 / VBD (black glass fleece double-sided)

(3) GVN / VWS (white glass fleece one-sided)

(4) GVN2 / VWD (white glass fleece one-sided)

(5) AluR (aluminum foil with reinforcing grid one-sided)

(6) AluR2 (aluminum foil with reinforcing grid double-sided)

(7) ALU (aluminum foil one-sided)

(9) GW1/WBS (glass woven cloth one-sided)

(10) GW2/WBD (glass woven cloth double-sided)

(11) GRS (grinded surface one side)

(12) GRD (grinded surface – both sides)

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B21312 No. 3; Additional classification report for GVN (line 1): 904/21-530-1 (ZAG); 2) ZAG 530-FK-01/2018 for facing (9) and (10).

Note: Product alternative name has always one of the following prefixes - PBE, DRS, CHM S, CHM C, TSP, DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, SPA and UGS

Table A1-2: Field of application thickness range

Product	Classified Thickness Range [mm]												
	(-)	(1) GVB (3) GVN	(2) GVB2 (4) GVN2	(5) AluR		(06) AluR2		(07) ALU		(03)+(05) GVN+AluR (01)+(05) GVB+AluR (01)+(07) GVB+ALU (03)+(07) GVN+ALU		(9) GW1	(10) GW2
Reaction to fire class	A1	A1	A1	A1	A2-s1,d0	A1	A2-s1,d0	A1	A2-s1,d0	A1	A2-s1,d0	A1	A1
Board D3	any	-	-	-	-	-	-	-	-	-	-	-	-
Board D4	any	≥20	≥50	≥60	≥25	-	≥40	≥70	≥25	≥100	≥30	23-250	46-250
Board D4,5	any	≥20	≥50	≥60	≥25	-	≥40	≥70	≥25	≥100	≥30	23-250	46-250
Board D5	any	≥20	≥50	≥50	≥15	-	≥30	≥70	≥15	≥100	≥30	23-250	46-250
Board D5,5	any	≥20	≥50	≥50	≥15	-	≥30	≥70	≥15	≥100	≥30	23-250	46-250
Board D6	any	≥20	≥50	≥40	≥15	-	≥25	≥50	≥15	≥60	≥15	23-250	46-250
Board D7	any	≥20	≥50	≥40	≥15	≥70	≥25	≥40	≥15	≥60	≥15	23-250	46-250
Board D8	any	≥20	≥50	≥30	≥15	≥70	≥25	≥40	≥15	≥40	≥15	23-250	46-250
Board D9	any	≥20	≥50	≥30	≥15	≥70	≥15	≥30	≥15	≥40	≥15	23-250	46-250
Board D10	any	≥20	≥20	≥25	≥15	≥50	≥15	≥30	≥15	≥40	≥15	23-250	46-250
Board D11	any	≥9	≥20	≥25	≥15	≥50	≥15	≥25	≥15	≥30	≥15	23-250	46-250
Board D11,5	any	≥9	≥20	≥25	≥15	≥50	≥15	≥25	≥15	≥30	≥15	-	-
Board D12	any	≥9	≥20	≥25	≥15	≥50	≥15	≥25	≥15	≥30	≥15	-	-
Board D13	any	≥9	≥20	≥25	-	≥40	≥15	≥25	≥15	≥30	≥15	-	-
Board D14	any	≥9	≥20	≥25	-	≥40	≥15	≥20	≥15	≥30	≥15	-	-
Board D15	any	≥9	≥20	≥25	-	≥40	≥15	≥20	-	≥30	≥15	-	-
Board D16	any	≥9	≥20	≥25	-	≥40	≥15	≥20	-	≥20	≥15	-	-
Board D17	any	≥9	≥20	≥25	-	≥30	≥15	≥20	-	≥20	-	-	-
Board D18	any	≥9	≥20	≥25	-	≥30	≥15	≥20	-	≥20	-	-	-
Board D19	any	≥9	≥20	≥25	-	≥30	≥15	≥20	-	≥20	-	-	-
Board D20	any	≥9	≥9	≥25	-	≥25	≥15	≥20	-	≥20	-	-	-
all products 40-110 kg/m ³	-	-	-	-	-	-	-	-	-	-	-	23-250	46-250

Gräfelfing, 22.05.2023



Dr. Andreas Schmeller



Certification Body

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-091.0-01 Annex A Line 2

Factory: Knauf Insulation d.o.o, 4220 SKOFJA LOKA

Construction product(s): Factory made mineral wool (MW) products acc.
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 OEM products at line 2:

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
1	Board D7 BT	board	20-300	A1	(-)	1
2	Board D6 - Board D8	board	20-300	A1	(-)	1
3	Board D6 - Board D8	board	40-300	A2-s1,d0	(8)	2
4	Board D9 - Board D11	board	20-300	A1	(-)	1
5	Board D9 - Board D11	board	40-300	A2-s1,d0	(8)	2
6	Board D11,5 - Board D12	board	20-300	A1	(-)	1
7	Board D12	board	40-300	A2-s1,d0	(8)	2
8	Board D13 - Board D14	board	20-300	A1	(-)	1
9	Board D13 - Board D14	board	40-300	A2-s1,d0	(8)	2
10	Board D15	board	11-200	A1	(-)	1
11	Board D15	board	40-200	A2-s1,d0	(8)	2
12	Board D15,5 - Board D20	board	11-200	A1	(-)	1
13	Fire-teK BD 915	board	30-160	A1	(-), (11), (12)	1
14	Fire-teK BD 916	board	30-160	A1	(-), (11), (12)	1

(-) without any facing/coating (Classification report No.: B19028-2)

(11) GRS (grinded surface one side)

(8) all fix facing (Classification report No.: ZAG P 1215/16-530-3)

(12) GRD (grinded surface – both sides)

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B19028 No. 2; 2) ZAG P 1215/16-530-3

Note: Product alternative name has always one of the following prefixes - PBE, DRS, CHM S, CHM C, TSP, DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, WWWC, SPA and UGS

(*) Fire board D7-D18, Crimp Fire board D7-D18 or Functional Fire board D7-D18 can have instead of D7-D18 the following suffix:

R NrXX, BS NrXX or BSI NrXX, where XX is nominal thickness in mm and Nr is representing minimal surface weight in kg/m² divided by 10

Table A2-1: Description of OEM products at line 2 (continued)

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
15	Fire-teK BD 917	board	30-160	A1	(-), (11), (12)	
16	Board Basic	board	30-300	A1	(-)	
17	Board Premium	board	50-260	A1	(-)	
18	EUROBOND SLAB PLUS	board	50-260	A1	(-)	
19	Board High	board	30-300	A1	(-)	
20	Board Supreme	board	30-300	A1	(-)	
21	VK Board D9	board	18-260	A1	(-)	
22	VK Board D10	board	18-260	A1	(-)	
23	VK Board D11	board	18-260	A1	(-)	
24	VK Board D12	board	18-250	A1	(-)	
25	VK Board D13	board	18-230	A1	(-)	
26	VK Board D14	board	18-210	A1	(-)	
27	VK Board D15	board	18-200	A1	(-)	
28	VK Board D16	board	18-180	A1	(-)	
29	VK Board D17	board	18-170	A1	(-)	
30	VK Board D18	board	18-160	A1	(-)	
31	VK Board D19	board	18-150	A1	(+)	
32	VK Board D20	board	18-150	A1	(-)	
33	VK Board D9 Thermal	board	18-260	A1	(-)	
34	VK Board D10 Thermal	board	18-260	A1	(-)	
35	VK Board D11 Thermal	board	18-260	A1	(-)	
36	VK Board D12 Thermal	board	18-250	A1	(-)	
37	VK Board D13 Thermal	board	18-230	A1	(-)	
38	VK Board D14 Thermal	board	18-210	A1	(-)	
39	VK Board D15 Thermal	board	18-200	A1	(-)	
40	VK Board D16 Thermal	board	18-180	A1	(-)	
41	VK Board D17 Thermal	board	18-170	A1	(-)	
42	VK Board D18 Thermal	board	18-160	A1	(-)	
43	VK Board D19 Thermal	board	18-150	A1	(-)	
44	VK Board D20 Thermal	board	18-150	A1	(-)	

1

(-) without any facing/coating (Classification report No.: B19028-2)

(11) GRS (grinded surface one side)

(8) all fix facing (Classification report No.: ZAG P 1215/16-530-3)

(12) GRD (grinded surface – both sides)

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B19028 No. 2;

Note: Product alternative name has always one of the following prefixes - PBE, DRS, CHM S, CHM C, TSP, DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, WWC, SPA and UGS

All products marked with facing/coating (8) have appendix or suffix All-Fix

(*) Fire board D7-D18, Crimp Fire board D7-D18 or Functional Fire board D7-D18 can have instead of D7-D18 the following suffix:

R NrXX, BS NrXX or BSI NrXX, where XX is nominal thickness in mm and Nr is representing minimal surface weight in kg/m² divided by 10

Table A2-1: Description of OEM products at line 2 (continued)

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
45	(*) Crimp Fire Board D9 - Crimp Fire Board 11	board	18-220	A1	(-)	1
46	(*) Crimp Fire Board D12 - Crimp Fire Board D18	board	18-220	A1	(-)	
47	(*) Functional Fire board D12 - Functional Fire board D18	board	18-220	A1	(-)	
48	Board Premium Thermal	board	30-300	A1	(-)	
49	Board High Thermal	board	30-300	A1	(-)	
50	Board Premium X-Tend	board	30-300	A1	(-)	
51	Board High X-Tend	board	30-300	A1	(-)	
52	(*) Fire board D7 - Fire board D8	board	30-260	A1	(-)	
53	(*) Fire board D9 - Fire board D15	board	18-220	A1	(-)	
54	(*) Fire board D15,5 - Fire board D18	board	18-220	A1	(-)	
55	Fire board 2D D7 - Fireboard 2D D8	board	30-260	A1	(-)	
56	Fire board 2D D9 - Fireboard 2D D15	board	18-220	A1	(-)	
57	Fire board 2D D15,5 - Fireboard 2D D18	board	18-220	A1	(-)	1
58	Fire board 3D D7 - Fireboard 3D D8	board	30-260	A1	(-)	
59	Fire board 3D D9 - Fireboard 3D D15	board	18-220	A1	(-)	
60	Fire board 3D D15,5 to Fireboard 3D D18	board	18-220	A1	(-)	
61	Board TP	board	10-12	A1	(-)	

(-) without any facing/coating (Classification report No.: B19028-2)

(11) GRS (grinded surface one side)

(8) all fix facing (Classification report No.: ZAG P 1215/16-530-3)

(12) GRD (grinded surface – both sides)

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B19028 No. 2;

Note: Product alternative name has always one of the following prefixes - PBE, DRS, CHM S, CHM C, TSP, DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, WWC, SPA and UGS

All products marked with facing/coating (8) have appendix or suffix All-Fix

(*) Fire board D7-D18, Crimp Fire board D7-D18 or Functional Fire board D7-D18 can have instead of D7-D18 the following suffix:

R NrXX, BS NrXX or BSI NrXX, where XX is nominal thickness in mm and Nr is representing minimal surface weight in kg/m² divided by 10

Table A2-1: Description of OEM products at line 2 (continued)

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
62	Lamella Basic	lamella	30-300	A1	(-)	
63	Lamella Premium	lamella	30-300	A1	(-)	
64	Lamella High	lamella	30-300	A1	(-)	
65	Lamella Premium Thermal	lamella	40-300	A1	(-)	
67	Lamella High Thermal	lamella	40-300	A1	(-)	
68	Lamella Premium X-Tend	lamella	40-300	A1	(-)	
69	Lamella High X-Tend	lamella	40-300	A1	(-)	
70	Lamella LITE	lamella	40-300	A1	(-)	
71	Core 034	lamella	18-220	A1	(-)	
72	Core 040	board	18-220	A1	(-)	

(-) without any facing/coating (Classification report No.: B19028-2)

(11) GRS (grinded surface one side)

(8) all fix facing (Classification report No.: ZAG P 1215/16-530-3)

(12) GRD (grinded surface – both sides)

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B19028 No. 2;

Note: Product alternative name has always one of the following prefixes - PBE, DRS, CHM S, CHM C, TSP, DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, WWC, SPA and UGS

(*) Fire board D7-D18, Crimp Fire board D7-D18 or Functional Fire board D7-D18 can have instead of D7-D18 the following suffix:

R NrXX, BS NrXX or BSI NrXX, where XX is nominal thickness in mm and Nr is representing minimal surface weight in kg/m² divided by 10

Gräfelfing, 22.05.2023



Dr. Andreas Schmeller

Andreas Schmeller
Certification Body

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-091.0-01 Annex B Line 1

Factory: Knauf Insulation d.o.o, 4220 Skofja Loka

Construction product(s): Factory made mineral wool (MW) products acc. 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 standard building products at line 1

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
1	DP3	board	30-220	A1	(-)	1
2	DP4	board	30-220	A1/A2-s1,d0	(-), (1), (2), (3), (4),(5),(7), (9) (1)+(5),(3)+(5),(1) +(7),(3)+(7),	1,2
3	DP4,5	board	30-220	A1/A2-s1,d0		
4	DP5	board	30-220	A1/A2-s1,d0		
5	DP5,5	board	30-220	A1/A2-s1,d0		
6	DP6	board	20-210	A1/A2-s1,d0	(-), (1), (2), (3), (4), (5), (6),(7), (9) (1)+(5),(3)+(5),(1) +(7),(3)+(7),	1,2
7	DP7	board	20-180	A1/A2-s1,d0		
8	DP8	board	20-160	A1/A2-s1,d0		
9	DP9	board	20-140	A1/A2-s1,d0		
10	DP10	board	20-130	A1/A2-s1,d0		
11	DP11	board	20-110	A1/A2-s1,d0	(-), (1), (2), (3), (4), (5), (6),(7), (1)+(5),(3)+(5),(1) +(7),(3)+(7),	1
12	DP12	board	20-100	A1/A2-s1,d0		
13	DP13	board	20-200	A1/A2-s1,d0		
14	DP14	board	20-90	A1/A2-s1,d0		
15	DP15	board	20-80	A1/A2-s1,d0		
16	DP16	board	20-80	A1/A2-s1,d0		

(-) without any facing/coating

(1) GVB / VBS (black glass fleece one-sided)

(2) GVB2 / VBD (black glass fleece double-sided)

(3) GVN / VWS (white glass fleece one-sided)

(4) GVN2 / VWD (white glass fleece one-sided)

(5) AluR (aluminum foil with reinforcing grid one-sided)

(6) AluR2 (aluminum foil with reinforcing grid double-sided)

(7) ALU (aluminum foil one-sided)

(9) GW1/WBS (glass woven cloth one-sided)

(10) GW2/WBD (glass woven cloth double-sided)

(11) GRS (grinded surface one side)

(12) GRD (grinded surface – both sides)

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B21312 No. 3; 2) ZAG 530-FK-01/2018 for facing (9) and (10); Additional classification report for GVN (line 1): 904/21-530-1 (ZAG)

Table B1-1: Description of standard building products at line 1

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
17	DP17	board	20-70	A1/A2-s1,d0	(-), (1), (2), (3), (4),(5),(6), (7), (1)+(5),(3)+(5),(1) +(7),(3)+(7)	
18	DP18	board	20-70	A1/A2-s1,d0		
19	DP19	board	9-70	A1/A2-s1,d0		
20	DP20	board	9-70	A1/A2-s1,d0		
21	Barrera Fónica	board	30-160	A1/A2-s1,d0	(6)	
22	TP	board	20-50	A1	(-)	
23	TPS	board	20-50	A1	(-)	
24	TPT	board	12-42	A1	(-)	
25	SmartFloor-Fix	board	30	A2-s1,d0	(13)	
26	FPL 035	board	40-200	A1/A2-s1,d0	(-),(1),(3),	
27	DP5 Venti	Board	40-200	A1/A2-s1,d0	(-),(1),(3),	
28	FKD	board	20-50	A1	(-)	
29	FKD-N Thermal / FKD N Thermal	board	50-140	A1	(-)	
30	SmartWall N 500FB	board	50-140	A1	(-)	
31	MW Dämmplatte 034 Evo	board	50-140	A1	(-)	
32	FB-N / FB N	board	100-140	A1	(-)	
33	FKL	lamella	40-300	A1	(-)	
34	Panel Chimenea S	board	30, 40	A1/A2-s1,d0	(7)	
35	Termotop	board	60-80	A1	(-)	
36	DF	board	60-110	A1	(-)	
37	Smart Roof Top	board	40-90	A1	(-)	
38	Smart Roof Thermal	board	40-110	A1	(-)	
39	Smart Roof Hard	board	60-80	A1	(-)	
40	DDP-X	board	50-80	A1	(-)	
41	FKD-S Thermal	board	50-130	A1	(-)	
42	Smart Roof Top CTF1	board	20/30-70/80	A1	(-)	
43	Smart Roof Top CTF2	board	20/30-70/80	A1	(-)	

(-) without any facing/coating

(1) GVB / VBS (black glass fleece one-sided)

(2) GVB2 / VBD (black glass fleece double-sided)

(3) GVN / VWS (white glass fleece one-sided)

(13) Fix (glass fibre tissue and aluminium foil reinforced with glass fibre mesh)

(4) GVN2 / VWD (white glass fleece one-sided)

(5) AluR (aluminum foil with reinforcing grid one-sided)

(6) AluR2 (aluminum foil with reinforcing grid double-sided)

(7) ALU (aluminum foil one-sided)

(9) GW1/WBS (glass woven cloth one-sided)

(10) GW2/WBD (glass woven cloth double-sided)

(11) GRS (grinded surface one side)

(12) GRD (grinded surface – both sides)

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B21312 No. 3; 2) ZAG 530-FK-01/2018 for facing (9) and (10); Additional classification report for GVN (line 1): 904/21-530-1 (ZAG); Additional classification report for "Fix" for Line 1: ZAG 568/22-530-2-EN

Table B1-2: Field of application thickness range

Product	Classified Thickness Range [mm]												
	(-)	(1) GVB (3) GVN	(2) GVB2 (4) GVN2	(5) AluR		(06) AluR2		(07) ALU		(03)+(05) GVN+AluR (01)+(05) GVB+AluR (01)+(07) GVB+ALU (03)+(07) GVN+ALU		(9) GW1	(10) GW2
Reaction to fire class	A1	A1	A1	A1	A2-s1,d0	A1	A2-s1,d0	A1	A2-s1,d0	A1	A2-s1,d0	A1	A1
DP3	any	-	-	-	-	-	-	-	-	-	-	-	-
DP4	any	≥20	≥50	≥60	≥25		≥40	≥70	≥25	≥100	≥30	23-250	46-250
DP4,5	any	≥20	≥50	≥60	≥25		≥40	≥70	≥25	≥100	≥30	23-250	46-250
DP5	any	≥20	≥50	≥50	≥15		≥30	≥70	≥15	≥100	≥30	23-250	46-250
DP5,5	any	≥20	≥50	≥50	≥15		≥30	≥70	≥15	≥100	≥30	23-250	46-250
DP6	any	≥20	≥50	≥40	≥15		≥25	≥50	≥15	≥60	≥15	23-250	46-250
DP7	any	≥20	≥50	≥40	≥15	≥70	≥25	≥40	≥15	≥60	≥15	23-250	46-250
DP8	any	≥20	≥50	≥30	≥15	≥70	≥25	≥40	≥15	≥40	≥15	23-250	46-250
DP9	any	≥20	≥50	≥30	≥15	≥70	≥15	≥30	≥15	≥40	≥15	23-250	46-250
DP10	any	≥20	≥20	≥25	≥15	≥50	≥15	≥30	≥15	≥40	≥15	23-250	46-250
DP11	any	≥9	≥20	≥25	≥15	≥50	≥15	≥25	≥15	≥30	≥15	23-250	46-250
DP11,5	any	≥9	≥20	≥25	≥15	≥50	≥15	≥25	≥15	≥30	≥15	-	-
DP12	any	≥9	≥20	≥25	≥15	≥50	≥15	≥25	≥15	≥30	≥15	-	-
DP13	any	≥9	≥20	≥25	-	≥40	≥15	≥25	≥15	≥30	≥15	-	-
DP14	any	≥9	≥20	≥25	-	≥40	≥15	≥20	≥15	≥30	≥15	-	-
DP15	any	≥9	≥20	≥25	-	≥40	≥15	≥20	-	≥30	≥15	-	-
DP16	any	≥9	≥20	≥25	-	≥40	≥15	≥20	-	≥20	≥15	-	-
DP17	any	≥9	≥20	≥25	-	≥30	≥15	≥20	-	≥20	-	-	-
DP18	any	≥9	≥20	≥25	-	≥30	≥15	≥20	-	≥20	-	-	-
DP19	any	≥9	≥20	≥25	-	≥30	≥15	≥20	-	≥20	-	-	-
DP20	any	≥9	≥9	≥25	-	≥25	≥15	≥20	-	≥20	-	-	-
Barrera Fonica	-	-	-	-	-	-	≥40	≥25	-	-	-	-	-
DP 5 Venti GVB	-	-	≥20	-	-	-	-	-	-	-	-	-	-
all products 40-110 kg/m3	-	-	-	-	-	-	-	-	-	-	-	23-250	46-250

Gräfelfing, 22.05.2023



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ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-091.0-01 Annex B Line 2

Factory: Knauf Insulation d.o.o, 4220 Skofja Loka

Construction product(s): Factory made mineral wool (MW) products acc. 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 standard building products at line 2

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
1	DP6	board	30-260	A1	(-)	1
2	DP7	board	30-260	A1	(-)	
3	DP8	board	30-260	A1	(-)	
4	DP9	board	30-260	A1	(-)	
5	DP10	board	30-260	A1	(-)	
6	DP11	board	30-260	A1	(-)	
7	DP12	board	30-250	A1	(-)	
8	DP13	board	30-230	A1	(-)	
9	DP14	board	30-210	A1	(-)	
10	DP15	board**	30-200	A1	(-)	
11	DP16	board	30-180	A1	(-)	
12	DP17	board	30-170	A1	(-)	
13	DP18	board	30-160	A1	(-)	
14	DP6	board	40-200	A2-s1,d0	(8)	2
15	DP7	board	40-200	A2-s1,d0	(8)	
16	DP8	board	40-200	A2-s1,d0	(8)	
17	DP9	board	40-200	A2-s1,d0	(8)	
18	DP10	board	40-200	A2-s1,d0	(8)	

(-) without any facing/coating (Classification report No.: B19028-2)

(8)) all fix facing (Classification report No.: ZAG P 1215/16-530-3)

Note: All products marked with facing/coating (8) have the appendix or the suffix "All-Fix" or the suffix "FM"

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B19028 No. 2; 2) ZAG P 1215/16-530-3

Table B2-1: Description of standard building products at line 2

No.	Product			Classification			
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹	
19	DP11	board	50-150	A2-s1,d0	(8)	2	
20	DP12	board	50-150	A2-s1,d0	(8)		
21	DP13	board	50-150	A2-s1,d0	(8)		
22	DP14	board	50-150	A2-s1,d0	(8)		
23	DP15	board	50-150	A2-s1,d0	(8)		
24	TP	board	20-50	A1	(-)	1	
25	TPS	board	20-50	A1	(-)		
26	TPT	board	12-42	A1	(-)		
27	DF	board	60-200	A1	(-)		
28	FKD	board	20-50	A1	(-)		
29	FKD-N Thermal / FKD N Thermal	board	40-240	A1	(-)		
30	MW Dämmplatte 034 Evo	board	40-240	A1	(-)		
31	FKD S Thermal / FKD S Thermal / SmartWall S	board	40-240	A1	(-)		
32	FKL	lamella	40-300	A1	(-)		
33	DDP-X	board	50-120	A1	(-)		
34	DDP G	wedge board	10-200 slope 0,5-15%	A1	(-)		
35	SMARTroof Top CTF1	wedge board	10-200 slope 0,5-15%	A1	(-)		
36	SMARTroof Top CTF2	wedge board	10-200 slope 0,5-15%	A1	(-)		
37	Termotop	board	50-160	A1	(-)		
38	SmartRoof Base	board	40-200	A1	(-)		
39	SmartRoof Ultra	board	40-180	A1	(-)		
40	SmartRoof Pro	board	40-160	A1	(-)		
41	SmartRoof All-Fix Base	board	50-150	A2-s1,d0	(8)		2
42	SmartRoof Thermal	board	40-200	A1	(-)		1
43	SmartRoof All-Fix Thermal	board	50-150	A2-s1,d0	(8)		2
44	SmartRoof Norm	board	50-200	A1	(-)	1	
45	SmartRoof All-Fix Norm	board	50-150	A2-s1,d0	(8)	2	
46	SmartRoof Top	board	40-200	A1	(-)	1	

(-) without any facing/coating (Classification report No.: B19028-2)

(8) all fix facing (Classification report No.: ZAG P 1215/16-530-3)

Note: All products marked with facing/coating (8) have the appendix or the suffix "All-Fix" or the suffix "FM"

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B19028 No. 2; 2) ZAG P 1215/16-530-3

Table B2-1: Description of standard building products at line 2

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
47	SmartRoof All-Fix Top	board	50-150	A2-s1,d0	(8)	2
48	SmartRoof Hard	board	60-200	A1	(-)	1
49	SmartRoof All-Fix Hard	board	60-150	A2-s1,d0	(8)	2
50	SmartRoof B	board	40-260	A1	(-)	1
51	SmartRoof All-Fix B	board	50-150	A2-s1,d0	(8)	2
52	Power-teK BD 772	board	50-250	A1	(-)	1
53	Power-teK BD 775	board	30-140	A1	(-)	
54	Power-teK BD 778	board	30-160	A1	(-)	
55	DP 7 blocks / BL D70	board	≥ 100	A1	(-)	
56	DP 8 blocks / BL D80	board	≥ 100	A1	(-)	
57	DP 9 blocks / BL D90	board	≥ 100	A1	(-)	
58	DP 10 blocks / BL D100	board	≥ 100	A1	(-)	
59	DP 11 blocks / BL D110	board	≥ 100	A1	(-)	
60	DP 12 blocks / BL D120	board	≥ 100	A1	(-)	
61	Board D7 BT	board	30-42	A1	(-)	

(-) without any facing/coating (Classification report No.: B19028-2)

(8) all fix facing (Classification report No.: ZAG P 1215/16-530-3)

Note: All products marked with facing/coating (8) have the appendix or the suffix "All-Fix" or the suffix "FM"

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B19028 No. 2; 2) ZAG P 1215/16-530-3

Gräfelfing, 22.05.2023



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Certification Body

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No.: 0751-CPR-091.0-01 Annex C Line 1

Factory: Knauf Insulation d.o.o, 4220 Skofja Loka

Construction product(s): Factory made mineral wool (MW) products acc. 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 C1-1: Description of Promapr products at line 1

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
1	Promapr-T 7	board	18 - 150	A1	(-)	1
2	Promapr-T 8	board	18 - 150	A1	(-)	
3	Promapr-T 9	board	18 - 150	A1	(-)	
4	Promapr-T 10	board	18 - 150	A1	(-)	
5	Promapr-T 11	board	18 - 150	A1	(-)	
6	Promapr-T 12	board	18 - 150	A1	(-)	
7	Promapr-T 13	board	18 - 150	A1	(-)	
8	Promapr-T 14	board	18 - 150	A1	(-)	
9	Promapr-T 15	board	18 - 150	A1	(-)	
10	Promapr-T 16	board	18 - 150	A1	(-)	
11	Promapr-T 17	board	18 - 150	A1	(-)	
12	Promapr-T 18	board	18 - 150	A1	(-)	
13	Promapr-T 19	board	18 - 150	A1	(-)	
14	Promapr-T 20	board	18 - 150	A1	(-)	
15	Promapr-T 12 VK2	board	18 - 150	A1	(-)	
16	Promapr-T 13 VK2	board	18 - 150	A1	(-)	

(-) without any facing/coating

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B21312 No. 3

Table C1-1: Description of Promapyr products at line 1 (continued):

No.	Product			Classification		
	Name	Description	Thickness Range [mm]	Reaction to fire class ¹	Facing / Coating	Classification reports ¹
17	Promapr-T 14 VK2	board	18 - 150	A1	(-)	1
18	Promapr-T 15 VK2	board	18 - 150	A1	(-)	
19	Promapr-T 16 VK2	board	18 - 150	A1	(-)	
20	Promapr-T 17 VK2	board	18 - 150	A1	(-)	
21	Promapr-T 18 VK2	board	18 - 150	A1	(-)	
22	Promapr-T 19 VK2	board	18 - 150	A1	(-)	
23	Promapr-T 20 VK2	board	18 - 150	A1	(-)	

(-) without any facing/coating

¹ For restrictions regarding bulk densities and thickness ranges see classification reports. Classification report No.: 1) TUM - HFM B21312 No. 3

Gräfelfing, 22.05.2023



Dr. Andreas Schmeller



Certification Body