

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 0751-CPR-093.0-01

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 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 ECOSE® Technology or conventional Binder, annex B for OEM products with ECOSE® Technology or conventional Binder, annex C for TS products with ECOSE® Technology or conventional Binder)

produced by or for

Knauf Insulation d.o.o.

Varaždinska 140, 42220 Novi Marof, Croatia
and produced in the manufacturing plant(s)

Knauf Insulation d.o.o.

42220 Novi Marof

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 20 October 2017 and will remain valid (but no longer than 20.10.2025) 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 April 2025



Dr. Andreas Schmeller


Certification Body

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 0751-CPR-093.0-01 Annex A

Factory: Knauf Insulation d.o.o., 42220 Novi Marof, Croatia

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

Intended use: Thermal insulation products for buildings

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

System of Assessment and Verification of Constancy of Performance: 1

Table A1: Description of standard products with ECOSE® Technology

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
1	NaturBoard FIT	-	Board	30-255	without facing	A1	B23208
2	NaturBoard FIT	(1)	Board	60-255	black veil		
3	NaturBoard FIT	(3)	Board	60-255	white veil		
4	NaturBoard FIT	(5)	Board	60-255	alu foil		
5	NaturBoard FIT	(7)	Board	60-255	glass woven		
6	NaturBoard FIT	(2)	Board	120-255	black veil		
7	NaturBoard FIT	(4)	Board	120-255	white veil		
8	NaturBoard FIT	(8)	Board	120-255	glass woven		
9	NaturBoard FIT	(6)	Board	120-255	alu foil		
10	NaturBoard PARTITION	-	Board	30-255	without facing		
11	NaturBoard PARTITION	(1)	Board	50-255	black veil		
12	NaturBoard PARTITION	(3)	Board	50-255	white veil		
13	NaturBoard PARTITION	(5)	Board	50-255	alu foil		
14	NaturBoard PARTITION	(7)	Board	50-255	glass woven		
15	NaturBoard PARTITION	(2)	Board	100-255	black veil		
16	NaturBoard PARTITION	(4)	Board	100-255	white veil		
17	NaturBoard PARTITION	(8)	Board	100-255	glass woven		
18	NaturBoard PARTITION	(6)	Board	100-255	alu foil		
19	NaturBoard VENTI	-	Board	30-255	without facing		
20	NaturBoard VENTI	(1)	Board	30-255	black veil		

(-) without facing

(1) GVB=B=VBS glass veil black

(2) GVB2=B2=VBD glass veil black on both sides

(3) GVN=VWS glass veil white on one side

(4) GVN2=VWD glass veil white on both sides

(5) ALUR=ALU reinforced aluminium foil on one side

(6) ALUR2=ALU2 =ALD reinforced aluminum foil on the both sides

(7) GW1=WBS black glass woven on one side

(8) GW2= WBD black glass woven on both sides

Table A1: Description of standard products with ECOSE® Technology (continued)

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
21	NaturBoard VENTI	(3)	Board	30-255	white veil	A1	B23208
22	NaturBoard VENTI	(5)	Board	30-255	alu foil		
23	NaturBoard VENTI	(7)	Board	30-255	glass woven		
24	NaturBoard VENTI 033	-	Board	30-200	without facing		
25	NaturBoard VENTI 033	(1)	Board	30-200	black veil		
26	NaturBoard VENTI 033	(3)	Board	30-200	white veil		
27	NaturBoard PARTITION COMFORT	-	Board	30-255	without facing		
28	NaturBoard PARTITION COMFORT	(1)	Board	30-255	black veil		
29	NaturBoard PARTITION COMFORT	(3)	Board	30-255	white veil		
30	NaturBoard PARTITION COMFORT	(5)	Board	30-255	alu foil		
31	NaturBoard PARTITION COMFORT	(7)	Board	30-255	glass woven		
32	NaturBoard PARTITION COMFORT	(2)	Board	80-255	black veil		
33	NaturBoard PARTITION COMFORT	(4)	Board	80-255	white veil		
34	NaturBoard PARTITION COMFORT	(8)	Board	80-255	glass woven		
35	NaturBoard PARTITION COMFORT	(6)	Board	80-255	alu foil		
36	NaturBoard TIMBER	-	Board	30-255	without facing		
37	NaturBoard TIMBER	(1)	Board	30-255	black veil		
38	NaturBoard TIMBER	(3)	Board	30-255	white veil		
39	NaturBoard TIMBER	(5)	Board	30-255	alu foil		
40	NaturBoard TIMBER	(7)	Board	30-255	glass woven		
41	NaturBoard TIMBER	(2)	Board	60-255	black veil		
42	NaturBoard TIMBER	(4)	Board	60-255	white veil		
43	NaturBoard TIMBER	(8)	Board	60-255	glass woven		
44	NaturBoard TIMBER	(6)	Board	60-255	alu foil		
45	DP6	(3)	Board	30-255	white veil		
46	NaturBoard VENTACUSTO	-	Board	20-255	without facing		
47	NaturBoard VENTACUSTO	(1)	Board	30-255	black veil		
48	NaturBoard VENTACUSTO	(3)	Board	30-255	white veil		
49	NaturBoard SILENCE	-	Board	20-255	without facing		
50	NaturBoard SILENCE	(1)	Board	20-255	black veil		
51	NaturBoard SILENCE	(3)	Board	20-255	white veil		
52	NaturBoard SILENCE	(5)	Board	20-255	alu foil		
53	NaturBoard SILENCE	(7)	Board	20-255	glass woven		
54	NaturBoard SILENCE	(2)	Board	60-255	black veil		
55	NaturBoard SILENCE	(4)	Board	60-255	white veil		
56	NaturBoard SILENCE	(8)	Board	60-255	glass woven		
57	NaturBoard SILENCE	(6)	Board	60-255	alu foil		
58	NaturBoard TIMBER COMFORT	-	Board	20-255	without facing		
59	NaturBoard TIMBER COMFORT	(1)	Board	20-255	black veil		
60	NaturBoard TIMBER COMFORT	(3)	Board	20-255	white veil		

(-) without facing

(1) GVB=B=VBS glass veil black

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(4) GVN2=VWD glass veil white on both sides

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(7) GW1=WBS black glass woven on one side

(8) GW2= WBD black glass woven on both sides

Table A1: Description of standard products with ECOSE® Technology (continued)

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
61	NaturBoard TIMBER COMFORT	(5)	Board	20-255	alu foil	A1	B23208
62	NaturBoard TIMBER COMFORT	(7)	Board	20-255	glass woven		
63	NaturBoard TIMBER COMFORT	(2)	Board	50-255	black veil		
64	NaturBoard TIMBER COMFORT	(4)	Board	50-255	white veil		
65	NaturBoard TIMBER COMFORT	(8)	Board	50-255	glass woven		
66	NaturBoard TIMBER COMFORT	(6)	Board	50-255	alu foil		
67	NaturBoard FORTE	-	Board	20-255	without facing		
68	NaturBoard FORTE	(1)	Board	20-255	black veil		
69	NaturBoard FORTE	(3)	Board	20-255	white veil		
70	NaturBoard FORTE	(5)	Board	20-255	alu foil		
71	NaturBoard FORTE	(7)	Board	20-255	glass woven		
72	NaturBoard FORTE	(2)	Board	40-255	black veil		
73	NaturBoard FORTE	(4)	Board	40-255	white veil		
74	NaturBoard FORTE	(8)	Board	40-255	glass woven		
75	NaturBoard FORTE	(6)	Board	40-255	alu foil		
76	NaturBoard WALLS	-	Board	20-240	without facing		
77	NaturBoard KP	-	Board	30-255	without facing		
78	NaturBoard FIT-G	-	Board	30-255	without facing		

(-) without facing

(1) GVB=B=VBS glass veil black

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(3) GVN=VWS glass veil white on one side

(4) GVN2=VWD glass veil white on both sides

(5) ALUR=ALU reinforced aluminium foil on one side

(6) ALUR2=ALU2 =ALD reinforced aluminum foil on the both sides

(7) GW1=WBS black glass woven on one side

(8) GW2= WBD black glass woven on both sides

Table A2: Description of standard products with conventional binder

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
1	FKD-S Thermal RS	-	Board	20-30	without facing	A1	B17360
2	FKD-S Thermal	-	Board	40-240	without facing		
3	FKD-N Thermal	-	Board	40-250	without facing		
4	SmartRoof Thermal	-	Board	50-200	without facing		
5	SmartRoof Top	-	Board	40-180	without facing		
6	TERMOTOP	-	Board	50-120	without facing		
7	TP	-	Board	20 - 60	without facing		
8	TPS	-	Board	20 - 60	without facing		
9	TPT	-	Board	20 - 60	without facing		

(-) without facing

*For explanations regarding reaction to fire characteristics see Annex C page 5.

Gräfelfing, 22 April 2025



Dr. Andreas Schmeller

Andreas Schmeller
 Certification Body

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 0751-CPR-093.0-01 Annex B

Factory: Knauf Insulation d.o.o., 42220 Novi Marof, Croatia

Construction product(s): Factory made mineral wool products according EN 13162:2012+A1:2015 with mainly ECOSE® Technology or 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: Description of OEM products with ECOSE® Technology

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
1	Board D3 ET	—	Board	20-255	without facing	A1	B23208
2	Board D3 ET	(1)	Board	60-255	black veil		
3	Board D3 ET	(3)	Board	60-255	white veil		
4	Board D3 ET	(5)	Board	60-255	alu foil		
5	Board D3 ET	(7)	Board	60-255	glass woven		
6	Board D4 ET	—	Board	20-255	without facing		
7	Board D4 ET	(1)	Board	50-255	black veil		
8	Board D4 ET	(3)	Board	50-255	white veil		
9	Board D4 ET	(5)	Board	50-255	alu foil		
10	Board D4 ET	(7)	Board	50-255	glass woven		
11	Board D4 ET	(2)	Board	100-255	black veil		
12	Board D4 ET	(4)	Board	100-255	white veil		
13	Board D4 ET	(8)	Board	100-255	glass woven		
14	Board D4 ET	(6)	Board	100-255	alu foil		
15	Board D5 ET	—	Board	20-255	without facing		
16	Board D5 ET	(1)	Board	30-255	black veil		
17	Board D5 ET	(3)	Board	30-255	white veil		
18	Board D5 ET	(5)	Board	30-255	alu foil		
19	Board D5 ET	(7)	Board	30-255	glass woven		
20	Board D5 ET	(2)	Board	60-255	black veil		

(-) without facing

(1) GVB=B=VBS glass veil black

(2) GVB2=B2=VBD glass veil black on both sides

(3) GVN=VWS glass veil white on one side

(4) GVN2=VWD glass veil white on both sides

(5) ALUR=ALU reinforced aluminium foil on one side

(6) ALUR2=ALU2 =ALD reinforced aluminum foil on the both sides

(7) GW1=WBS black glass woven on one side

(8) GW2= WBD black glass woven on both sides

All Board products have one of the following prefixes: PBE, DRS, CHM S, CHM C, TPS DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, WWC, SPA, USG

Table B1: Description of OEM products ECOSE® Technology (continued)

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
21	Board D5 ET	(4)	Board	60-255	white veil	A1	B23208
22	Board D5 ET	(8)	Board	60-255	glass woven		
23	Board D5 ET	(6)	Board	60-255	alu foil		
24	Board D6 ET	–	Board	20-255	without facing		
25	Board D6 ET	(1)	Board	30-255	black veil		
26	Board D6 ET	(3)	Board	30-255	white veil		
27	Board D6 ET	(5)	Board	30-255	alu foil		
28	Board D6 ET	(7)	Board	30-255	glass woven		
29	Board D6 ET	(2)	Board	40-255	black veil		
30	Board D6 ET	(4)	Board	40-255	white veil		
31	Board D6 ET	(8)	Board	40-255	glass woven		
32	Board D6 ET	(6)	Board	40-255	alu foil		
33	Board D7 ET	–	Board	20-255	without facing		
34	Board D7 ET	(1)	Board	30-255	black veil		
35	Board D7 ET	(3)	Board	30-255	white veil		
36	Board D7 ET	(5)	Board	30-255	alu foil		
37	Board D7 ET	(7)	Board	30-255	glass woven		
38	Board D7 ET	(2)	Board	30-255	black veil		
39	Board D7 ET	(4)	Board	30-255	white veil		
40	Board D7 ET	(8)	Board	30-255	glass woven		
41	Board D7 ET	(6)	Board	30-255	alu foil		
42	Board D8 ET	–	Board	20-255	without facing		
43	Board D8 ET	(1)	Board	30-255	black veil		
44	Board D8 ET	(3)	Board	30-255	white veil		
45	Board D8 ET	(5)	Board	30-255	alu foil		
46	Board D8 ET	(7)	Board	30-255	glass woven		
47	Board D8 ET	(2)	Board	30-255	black veil		
48	Board D8 ET	(4)	Board	30-255	white veil		
49	Board D8 ET	(8)	Board	30-255	glass woven		
50	Board D8 ET	(6)	Board	30-255	alu foil		

(-) without facing

(1) GVB=B=VBS glass veil black

(2) GVB2=B2=VBD glass veil black on both sides

(3) GVN=VWS glass veil white on one side

(4) GVN2=VWD glass veil white on both sides

(5) ALUR=ALU reinforced aluminium foil on one side

(6) ALUR2=ALU2 =ALD reinforced aluminum foil on the both sides

(7) GW1=WBS black glass woven on one side

(8) GW2= WBD black glass woven on both sides

All Board products have one of the following prefixes: PBE, DRS, CHM S, CHM C, TPS DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, WWVC, SPA, USG

All Board D9 - Board D18 products can have additional prefix "VK" → VK Board D9 - VK Board D18

All Board D7 - Board D18 products can have additional prefix "Fire" → Fire Board D7 - Fire Board D18

All Fire board products can have additional suffix 2D or 3D → Fire Board 2D D7 ... Fire Board 3D D18

All Fire board products can have additional prefix "Sandwich" → DRS Sandwich Fire Board D7 ... DRS Sandwich Fire Board 3D D18

Fire board products can have additional prefix "Crimp" or "Functional" → Crimp Fire board ..., Functional Fire board ...

Fire board D7-D18, Crimp Fire board D7-D18 and Functional Fire board D7-D18 can have instead of D7-D18 following suffixes:

R NrXX, BS NrXX or BSI NrXX

where XX is nominal thickness in mm and Nr is representing minimal surface weight in kg/m² multiplied by 10 → DRS Fire Board

R5640 (Nr = 5,6 kg/m²×10, XX = 40 mm)

Note: dash between Board D(A) – Board D(B) means that designation steps are 0,5! Example: Board D13 – Board D14 corresponds to Board D13, Board D13,5 and Board D14

Table B1: Description of OEM products ECOSE® Technology (continued)

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
51	Board D9 ET	–	Board	20-255	without facing	A1	B23208
52	Board D9 ET	(1)	Board	30-255	black veil		
53	Board D9 ET	(3)	Board	30-255	white veil		
54	Board D9 ET	(5)	Board	30-255	alu foil		
55	Board D9 ET	(7)	Board	30-255	glass woven		
56	Board D9 ET	(2)	Board	30-255	black veil		
57	Board D9 ET	(4)	Board	30-255	white veil		
58	Board D9 ET	(8)	Board	30-255	glass woven		
59	Board D9 ET	(6)	Board	30-255	alu foil		
60	Board D10 ET	–	Board	20-255	without facing		
61	Board D10 ET	(1)	Board	30-255	black veil		
62	Board D10 ET	(3)	Board	30-255	white veil		
63	Board D10 ET	(5)	Board	30-255	alu foil		
64	Board D10 ET	(7)	Board	30-255	glass woven		
65	Board D10 ET	(2)	Board	20-255	black veil		
66	Board D10 ET	(4)	Board	20-255	white veil		
67	Board D10 ET	(8)	Board	20-255	glass woven		
68	Board D10 ET	(6)	Board	20-255	alu foil		
69	Board D11 ET	–	Board	20-240	without facing		
70	Board D11 ET	(1)	Board	30-255	black veil		
71	Board D11 ET	(3)	Board	30-255	white veil		
72	Board D11 ET	(5)	Board	30-255	alu foil		
73	Board D11 ET	(7)	Board	30-255	glass woven		
74	Board D11 ET	(2)	Board	30-255	black veil		
75	Board D11 ET	(4)	Board	30-255	white veil		
76	Board D11 ET	(8)	Board	30-255	glass woven		
77	Board D11 ET	(6)	Board	30-255	alu foil		
78	Board D12 ET	–	Board	20-210	without facing		
79	Board D12 ET	(1)	Board	20-210	black veil		
80	Board D12 ET	(3)	Board	20-210	white veil		

(-) without facing

(1) GVB=B=VBS glass veil black

(2) GVB2=B2=VBD glass veil black on both sides

(3) GVN=VWS glass veil white on one side

(4) GVN2=VWD glass veil white on both sides

(5) ALUR=ALU reinforced aluminium foil on one side

(6) ALUR2=ALU2 =ALD reinforced aluminium foil on the both sides

(7) GW1=WBS black glass woven on one side

(8) GW2= WBD black glass woven on both sides

All Board products have one of the following prefixes: PBE, DRS, CHM S, CHM C, TPS DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, WWC, SPA, USG

All Board D9 - Board D18 products can have additional prefix "VK" → VK Board D9 - VK Board D18

All Board D7 - Board D18 products can have additional prefix "Fire" → Fire Board D7 - Fire Board D18

All Fire board products can have additional suffix 2D or 3D → Fire Board 2D D7 ... Fire Board 3D D18

All Fire board products can have additional prefix "Sandwich" → DRS Sandwich Fire Board D7 ... DRS Sandwich Fire Board 3D D18

Fire board products can have additional prefix "Crimp" or "Functional" → Crimp Fire board ..., Functional Fire board ...

Fire board D7-D18, Crimp Fire board D7-D18 and Functional Fire board D7-D18 can have instead of D7-D18 following suffixes:

R NrXX, BS NrXX or BSI NrXX

where XX is nominal thickness in mm and Nr is representing minimal surface weight in kg/m² multiplied by 10 → DRS Fire Board

R5640 (Nr = 5,6 kg/m²×10, XX = 40 mm)

Note: dash between Board D(A) – Board D(B) means that designation steps are 0,5! Example: Board D13 – Board D14 corresponds to Board D13, Board D13,5 and Board D14

Table B1: Description of OEM products ECOSE® Technology (continued)

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
81	Board D12 ET	(5)	Board	20-210	alu foil	A1	B23208
82	Board D12 ET	(7)	Board	20-210	glass woven		
83	Board D12 ET	(2)	Board	20-210	black veil		
84	Board D12 ET	(4)	Board	20-210	white veil		
85	Board D12 ET	(8)	Board	20-210	glass woven		
86	Board D12 ET	(6)	Board	20-210	alu foil		
87	Board D13 ET	–	Board	20-210	without facing		
88	Board D13 ET	(1)	Board	20-210	black veil		
89	Board D13 ET	(3)	Board	20-210	white veil		
90	Board D13 ET	(5)	Board	20-210	alu foil		
91	Board D13 ET	(7)	Board	20-210	glass woven		
92	Board D13 ET	(2)	Board	20-210	black veil		
93	Board D13 ET	(4)	Board	20-210	white veil		
94	Board D13 ET	(8)	Board	20-210	glass woven		
95	Board D13 ET	(6)	Board	20-210	alu foil		
96	Board D14 ET	–	Board	20-180	without facing		
97	Board D14 ET	(1)	Board	20-180	black veil		
98	Board D14 ET	(3)	Board	20-180	white veil		
99	Board D14 ET	(5)	Board	20-180	alu foil		
100	Board D14 ET	(7)	Board	20-180	glass woven		
101	Board D14 ET	(2)	Board	20-180	black veil		
102	Board D14 ET	(4)	Board	20-180	white veil		
103	Board D14 ET	(8)	Board	20-180	glass woven		
104	Board D14 ET	(6)	Board	20-180	alu foil		
105	Board D15 ET	–	Board	20-160	without facing		
106	Board D15 ET	(1)	Board	20-160	black veil		
107	Board D15 ET	(3)	Board	20-160	white veil		
108	Board D15 ET	(5)	Board	20-160	alu foil		
109	Board D15 ET	(7)	Board	20-160	glass woven		
110	Board D15 ET	(2)	Board	20-160	black veil		
111	Board D15 ET	(4)	Board	20-160	white veil		
112	Board D15 ET	(8)	Board	20-160	glass woven		
113	Board D15 ET	(6)	Board	20-160	alu foil		
114	Board D16 ET	–	Board	20-150	without facing		

(-) without facing

(1) GVB=B=VBS glass veil black

(2) GVB2=B2=VBD glass veil black on both sides

(3) GVN=VWS glass veil white on one side

(4) GVN2=VWD glass veil white on both sides

(5) ALUR=ALU reinforced aluminium foil on one side

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All Board products have one of the following prefixes: PBE, DRS, CHM S, CHM C, TPS DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, WWC, SPA, USG

All Board D9 - Board D18 products can have additional prefix "VK" → VK Board D9 - VK Board D18

All Board D7 - Board D18 products can have additional prefix "Fire" → Fire Board D7 - Fire Board D18

All Fire board products can have additional suffix 2D or 3D → Fire Board 2D D7 ... Fire Board 3D D18

All Fire board products can have additional prefix "Sandwich" → DRS Sandwich Fire Board D7 ... DRS Sandwich Fire Board 3D D18

Fire board products can have additional prefix "Crimp" or "Functional" → Crimp Fire board ..., Functional Fire board ...

Fire board D7-D18, Crimp Fire board D7-D18 and Functional Fire board D7-D18 can have instead of D7-D18 following suffixes:

R NrXX, BS NrXX or BSI NrXX

where XX is nominal thickness in mm and Nr is representing minimal surface weight in kg/m² multiplied by 10 → DRS Fire Board R5640 (Nr = 5,6 kg/m²×10, XX = 40 mm)

Note: dash between Board D(A) – Board D(B) means that designation steps are 0,5! Example: Board D13 – Board D14 corresponds to Board D13, Board D13,5 and Board D14

Table B1: Description of OEM products ECOSE® Technology (continued)

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
115	Board D16 ET	(1)	Board	20-150	black veil	A1	B23208
116	Board D16 ET	(3)	Board	20-150	white veil		
117	Board D16 ET	(5)	Board	20-150	alu foil		
118	Board D16 ET	(7)	Board	20-150	glass woven		
119	Board D16 ET	(2)	Board	20-150	black veil		
120	Board D16 ET	(4)	Board	20-150	white veil		
121	Board D16 ET	(8)	Board	20-150	glass woven		
122	Board D16 ET	(6)	Board	20-150	alu foil		
123	Board D17 ET	–	Board	20-150	without facing		
124	Board D17 ET	(1)	Board	20-150	black veil		
125	Board D17 ET	(3)	Board	20-150	white veil		
126	Board D17 ET	(5)	Board	20-150	alu foil		
127	Board D17 ET	(7)	Board	20-150	glass woven		
128	Board D17 ET	(2)	Board	20-150	black veil		
129	Board D17 ET	(4)	Board	20-150	white veil		
130	Board D17 ET	(8)	Board	20-150	glass woven		
131	Board D17 ET	(6)	Board	20-150	alu foil		
132	Board D18 ET	–	Board	20-140	without facing		
133	Board D18 ET	(1)	Board	20-140	black veil		
134	Board D18 ET	(3)	Board	20-140	white veil		
135	Board D18 ET	(5)	Board	20-140	alu foil		
136	Board D18 ET	(7)	Board	20-140	glass woven		
137	Board D18 ET	(2)	Board	20-140	black veil		
138	Board D18 ET	(4)	Board	20-140	white veil		
139	Board D18 ET	(8)	Board	20-140	glass woven		
140	Board D18 ET	(6)	Board	20-140	alu foil		

(-) without facing

(1) GVB=B=VBS glass veil black (5)

(2) GVB2=B2=VBD glass veil black on both sides (6)

(3) GVN=VWS glass veil white on one side (7)

(4) GVN2=VWD glass veil white on both sides (8)

ALUR=ALU reinforced aluminium foil on one side

ALUR2=ALU2 =ALD reinforced aluminum foil on the both sides

GW1=WBS black glass woven on one side

GW2= WBD black glass woven on both sides

All Board products have one of the following prefixes: PBE, DRS, CHM S, CHM C, TPS DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, WWC, SPA, USG

All Board D9 - Board D18 products can have additional prefix "VK" → VK Board D9 - VK Board D18

All Board D7 - Board D18 products can have additional prefix "Fire" → Fire Board D7 - Fire Board D18

All Fire board products can have additional suffix 2D or 3D → Fire Board 2D D7 ... Fire Board 3D D18

All Fire board products can have additional prefix "Sandwich" → DRS Sandwich Fire Board D7 ... DRS Sandwich Fire Board 3D D18

Fire board products can have additional prefix "Crimp" or "Functional" → Crimp Fire board ..., Functional Fire board ...

Fire board D7-D18, Crimp Fire board D7-D18 and Functional Fire board D7-D18 can have instead of D7-D18 following suffixes:

R NrXX, BS NrXX or BSI NrXX

where XX is nominal thickness in mm and Nr is representing minimal surface weight in kg/m² multiplied by 10 → DRS Fire Board R5640 (Nr = 5,6 kg/m²×10, XX = 40 mm)

Note: dash between Board D(A) – Board D(B) means that designation steps are 0,5! Example: Board D13 – Board D14 corresponds to Board D13, Board D13,5 and Board D14

Table B1: Description of OEM products ECOSE® Technology (continued)

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
141	Board Special ET	(1)	Board	20-200	black veil	A1	B23208
142	Board Special ET	(3)	Board	20-200	white veil		
143	Board Special ET	(5)	Board	20-200	alu foil		
144	Board Special ET	(7)	Board	20-200	glass woven		

(-) without facing

(1) GVB=B=VBS glass veil black

(2) GVB2=B2=VBD glass veil black on both sides

(3) GVN=VVS glass veil white on one side

(4) GVN2=VWD glass veil white on both sides

(5) ALUR=ALU reinforced aluminium foil on one side

(6) ALUR2=ALU2 =ALD reinforced aluminum foil on the both sides

(7) GW1=WBS black glass woven on one side

(8) GW2= WBD black glass woven on both sides

All Board products have one of the following prefixes: PBE, DRS, CHM S, CHM C, TPS DAP, AUT, RSB, MCH, MCH S, CNF, CNF E, WWC, SPA, USG

Table B2: Description of OEM products with conventional binder

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
1	Board Basic	—	Board	20-200	without facing	A1	B17360
2	Board Premium	—	Board	20-200	without facing		
3	Board High	—	Board	20-200	without facing		
4	Board Supreme	—	Board	30-200	without facing		
5	Board Special	—	Board	20-200	without facing		

(-) without facing

* Explanations regarding reaction to fire characteristics see Annex C page 5.

Gräfelfing, 22 April 2025



Dr. Andreas Schmeller

Certification Body

ANNEX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 0751-CPR-093.0-01 Annex C

Factory: Knauf Insulation d.o.o., 42220 Novi Marof, Croatia

Construction product(s): Factory made mineral wool products according EN 13162:2012+A1:2015 with mainly ECOSE® Technology or 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: Description of TS products with ECOSE® Technology

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
1	BL D200	-	Board	40-120	without facing	A1	B23208
2	Thermo-teK BD 110	(3)	Board	20-220	white veil		
3	Thermo-teK BD 110	(5)	Board	20-220	alu foil		
4	Thermo-teK BD 110	(7)	Board	20-220	glass woven		
5	Thermo-teK BD 120	-	Board	20-210	without facing		
6	Thermo-teK BD 120	(1)	Board	20-210	black veil		
7	Thermo-teK BD 120	(3)	Board	20-210	white veil		
8	Thermo-teK BD 120	(5)	Board	20-210	alu foil		
9	Thermo-teK BD 120	(7)	Board	20-210	glass woven		
10	Thermo-teK BD 130	-	Board	20-190	without facing		
11	Thermo-teK BD 130	(1)	Board	20-190	black veil		
12	Thermo-teK BD 130	(3)	Board	20-190	white veil		
13	Thermo-teK BD 130	(5)	Board	20-190	alu foil		
14	Thermo-teK BD 130	(7)	Board	20-190	glass woven		
15	Thermo-teK BD 140	-	Board	20-170	without facing		
16	Thermo-teK BD 140	(1)	Board	20-170	black veil		
17	Thermo-teK BD 140	(3)	Board	20-170	white veil		
18	Thermo-teK BD 140	(5)	Board	20-170	alu foil		
19	Thermo-teK BD 140	(7)	Board	20-170	glass woven		
20	Thermo-teK BD 150	-	Board	20-160	without facing		
21	Thermo-teK BD 150	(1)	Board	20-160	black veil		

(-) without facing

(1) GVB=B=VBS glass veil black

(2) GVB2=B2=VBD glass veil black on both sides

(3) GVN=VWS glass veil white on one side

(4) GVN2=VWD glass veil white on both sides

(5) ALUR=ALU reinforced aluminium foil on one side

(6) ALUR2=ALU2 =ALD reinforced aluminum foil on the both sides

(7) GW1=WBS black glass woven on one side

(8) GW2= WBD black glass woven on both sides

Table C1: Description of TS products with ECOSE® Technology (continued)

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
22	Thermo-teK BD 150	(3)	Board	20-160	white veil	A1	B23208
23	Thermo-teK BD 150	(5)	Board	20-160	alu foil		
24	Thermo-teK BD 150	(7)	Board	20-160	glass woven		
25	Sound-teK BD 803	(2)	Board	70-255	black veil		
26	Sound-teK BD 803	(4)	Board	70-255	white veil		
27	Sound-teK BD 803	(8)	Board	70-255	glass woven		
28	Sound-teK BD 803	(6)	Board	70-255	alu foil		
29	Sound-teK BD 804	(2)	Board	60-255	black veil		
30	Sound-teK BD 804	(4)	Board	60-255	white veil		
31	Sound-teK BD 804	(8)	Board	60-255	glass woven		
32	Sound-teK BD 804	(6)	Board	60-255	alu foil		
33	Sound-teK BD 805	(2)	Board	60-255	black veil		
34	Sound-teK BD 805	(4)	Board	60-255	white veil		
35	Sound-teK BD 805	(8)	Board	60-255	glass woven		
36	Sound-teK BD 805	(6)	Board	60-255	alu foil		
37	Sound-teK BD 806	(2)	Board	40-255	black veil		
38	Sound-teK BD 806	(4)	Board	40-255	white veil		
39	Sound-teK BD 806	(8)	Board	40-255	glass woven		
40	Sound-teK BD 806	(6)	Board	40-255	alu foil		
41	Sound-teK BD 807	(2)	Board	30-255	black veil		
42	Sound-teK BD 807	(4)	Board	30-255	white veil		
43	Sound-teK BD 807	(8)	Board	30-255	glass woven		
44	Sound-teK BD 807	(6)	Board	30-255	alu foil		
45	Sound-teK BD 808	(2)	Board	30-255	black veil		
46	Sound-teK BD 808	(4)	Board	30-255	white veil		
47	Sound-teK BD 808	(8)	Board	30-255	glass woven		
48	Sound-teK BD 808	(6)	Board	30-255	alu foil		
49	Sound-teK BD 809	(2)	Board	30-255	black veil		
50	Sound-teK BD 809	(4)	Board	30-255	white veil		
51	Sound-teK BD 809	(8)	Board	30-255	glass woven		
52	Sound-teK BD 809	(6)	Board	30-255	alu foil		
53	Sound-teK BD 810	(2)	Board	30-250	black veil		
54	Sound-teK BD 810	(4)	Board	30-250	white veil		
55	Sound-teK BD 810	(8)	Board	30-250	glass woven		
56	Sound-teK BD 810	(6)	Board	30-250	alu foil		
57	Sound-teK BD 811	(2)	Board	20-220	black veil		
58	Sound-teK BD 811	(4)	Board	20-220	white veil		
59	Sound-teK BD 811	(8)	Board	20-220	glass woven		
60	Sound-teK BD 811	(6)	Board	20-220	alu foil		
61	Sound-teK BD 812	(2)	Board	20-210	black veil		
62	Sound-teK BD 812	(4)	Board	20-210	white veil		
63	Sound-teK BD 812	(8)	Board	20-210	glass woven		
64	Sound-teK BD 812	(6)	Board	20-210	alu foil		
65	Sound-teK BD 813	(2)	Board	20-190	black veil		

(-) without facing

- (1) GVB=B=VBS glass veil black (5)
 (2) GVB2=B2=VBD glass veil black on both sides (6)
 (3) GVN=VWS glass veil white on one side (7)
 (4) GVN2=VWD glass veil white on both sides (8)

ALUR=ALU reinforced aluminium foil on one side
 ALUR2=ALU2 =ALD reinforced aluminium foil on the both sides
 GW1=WBS black glass woven on one side
 GW2= WBD black glass woven on both sides

Table C1: Description of TS products with ECOSE® Technology (continued)

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
66	Sound-teK BD 813	(4)	Board	20-190	white veil	A1	B23208
67	Sound-teK BD 813	(8)	Board	20-190	glass woven		
68	Sound-teK BD 813	(6)	Board	20-190	alu foil		
69	Sound-teK BD 814	(2)	Board	20-180	black veil		
70	Sound-teK BD 814	(4)	Board	20-180	white veil		
71	Sound-teK BD 814	(8)	Board	20-180	glass woven		
72	Sound-teK BD 814	(6)	Board	20-180	alu foil		
73	Sound-teK BD 815	(2)	Board	20-160	black veil		
74	Sound-teK BD 815	(4)	Board	20-160	white veil		
75	Sound-teK BD 815	(8)	Board	20-160	glass woven		
76	Sound-teK BD 815	(6)	Board	20-160	alu foil		
77	Thermo-teK FM 040	-	Board	50-120	without facing		
78	Thermo-teK FM 040	(5)	Board	50-120	alu foil		
79	Thermo-teK FM 050	-	Board	40-120	without facing		
80	Thermo-teK FM 050	(5)	Board	40-120	alu foil		
81	Thermo-teK FM 060	-	Board	40-120	without facing		
82	Thermo-teK FM 060	(5)	Board	40-120	alu foil		
83	PROMALAN HT 100	-	Board	30-150	without facing		
84	PROMALAN HT 120	-	Board	30-120	without facing		
85	PROMALAN HT 150	-	Board	30-120	without facing		
86	PROMALAN HT 200	-	Board	30-120	without facing		
87	Thermo-teK BD 090	-	Board	20-255	without facing		
88	Thermo-teK BD 090	(1)	Board	20-255	black veil		
89	Thermo-teK BD 090	(3)	Board	20-255	white veil		
90	Thermo-teK BD 090	(5)	Board	20-255	alu foil		
91	Thermo-teK BD 090	(7)	Board	20-255	glass woven		
92	Thermo-teK BD 100	-	Board	20-250	without facing		
93	Thermo-teK BD 100	(1)	Board	20-250	black veil		
94	Thermo-teK BD 100	(3)	Board	20-250	white veil		
95	Thermo-teK BD 100	(5)	Board	20-250	alu foil		
96	Thermo-teK BD 100	(7)	Board	20-250	glass woven		
97	Thermo-teK BD 110	-	Board	20-220	without facing		
98	Thermo-teK BD 110	(1)	Board	20-220	black veil		
99	Thermo-teK BD 110	(3)	Board	20-220	white veil		
100	Thermo-teK BD 110	(5)	Board	20-220	alu foil		
101	Thermo-teK BD 110	(7)	Board	20-220	glass woven		

(-) without facing

(1) GVB=B=VBS glass veil black

(2) GVB2=B2=VBD glass veil black on both sides

(3) GVN=VWS glass veil white on one side

(4) GVN2=VWD glass veil white on both sides

(5) ALUR=ALU reinforced aluminium foil on one side

(6) ALUR2=ALU2 =ALD reinforced aluminium foil on the both sides

(7) GW1=WBS black glass woven on one side

(8) GW2=WBD black glass woven on both sides

Table C2: Description of TS products with conventional binder

No.	Product					Classification*	
	Name	Additional name	Type	Thickness Range mm	Facing / Coating	Reaction to fire class	Classification Report No.
1	BL D70	-	Board	80-255	without facing	A1	B17360
2	BL D80	-	Board	80-255	without facing		
3	BL D90	-	Board	80-255	without facing		
4	BL D95	-	Board	80-255	without facing		
5	BL D100	-	Board	80-255	without facing		
6	BL D120	-	Board	80-210	without facing		
7	BL D140	-	Board	80-180	without facing		
8	BL D150	-	Board	60-160	without facing		

(-) without facing

(1) GVB=B=VBS glass veil black

(2) GVB2=B2=VBD glass veil black on both sides

(3) GVN=VWS glass veil white on one side

(4) GVN2=VWD glass veil white on both sides

(5) ALUR=ALU reinforced aluminium foil on one side

(6) ALUR2=ALU2 =ALD reinforced aluminum foil on the both sides

(7) GW1=WBS black glass woven on one side

(8) GW2= WBD black glass woven on both sides

* Explanations regarding reaction to fire characteristics see Annex C page 5.

Explanations regarding reaction to fire characteristics:

1) Uncoated or coated mineral wool boards with ECOSE® Technology reaction to fire class A1 or A2-s1, d0:	
Applicable for both reaction to fire classes:	- an organic content of $\leq 4,7 \%$ at 50 kg/m^3 equivalent to $2,3 \text{ kg/m}^3$ - an organic content of $\leq 3,8 \%$ at 180 kg/m^3 equivalent to $6,8 \text{ kg/m}^3$ - an organic content of $\leq 3,4 \%$ at 197 kg/m^3 equivalent to $6,7 \text{ kg/m}^3$
Reaction to fire class A1:	- without coating any thickness, density of $\leq 197 \text{ kg/m}^3$ - with coating according section 3.2.1
Reaction to fire class A2-s1, d0:	- with coating according section 3.2.2
Details see classification report:	B23208 No. 1, notified body no. 0797 HFM München

2) Uncoated or coated mineral wool boards with conventional binder reaction to fire class A1 or A2-s1, d0:	
Applicable for both reaction to fire classes:	- an organic content of $\leq 3,12 \%$ at 200 kg/m^3 equivalent to $6,2 \text{ kg/m}^3$ - an organic content of $\leq 5,16 \%$ at 160 kg/m^3 equivalent to $8,3 \text{ kg/m}^3$
Reaction to fire class A1:	- without coating any thickness, density of $\leq 200 \text{ kg/m}^3$ - with coating according section 3.2.1
Reaction to fire class A2-s1, d0:	- with coating according section 3.2.2
Details see classification report:	B17360 No. 2, notified body no. 0797 HFM München

Gräfelfing, 22 April 2025



Dr. Andreas Schmeller

Certification Body