

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

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 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 20.10.2017, will be annually confirmed after successful audit and remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly (but not longer than 31.12.2021)

Gräfelfing, 27 February 2019



Dipl.-Ing. (FH) Wolfgang Albrecht

Head of Certification Body

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

No.	Product			Classification				
	Name	Type	Thickness Range mm	Reaction to fire class	Facing	Density Range kg/m³	Organic content mass% b)	Thickness Range mm
20	Thermo-teK BD 150	board	20-160	A1	-	≤ 180	≤ 4.7	any
21	Thermo-teK BD 150	board	20-160	A1/ A2-s1,d0	(1),(3),(5),(6),(10)	a)	≤ 4.7	a)
22	Fire-teK BD 916	board	30-160	A1	-	≤ 180	≤ 4.7	any
23	Sound-teK BD 803	board	70-255	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
24	Sound-teK BD 804	board	60-255	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
25	Sound-teK BD 805	board	60-255	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
26	Sound-teK BD 806	board	40-255	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
27	Sound-teK BD 807	board	30-255	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
28	Sound-teK BD 808	board	30-255	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
29	Sound-teK BD 809	board	30-255	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
30	Sound-teK BD 810	board	30-250	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
31	Sound-teK BD 811	board	20-220	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
32	Sound-teK BD 812	board	20-210	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
33	Sound-teK BD 813	board	20-190	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
34	Sound-teK BD 814	board	20-180	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
35	Sound-teK BD 815	board	20-160	A1/ A2-s1,d0	(2),(4),(7),(11),(9)	a)	≤ 4.7	a)
36	Power-teK FM 040	felt mats	50-120	A1	-	≤ 180	≤ 4.7	any
37	Power-teK FM 040	felt mats	50-120	A1/ A2-s1,d0	(5)	a)	≤ 4.7	a)
38	Power-teK FM 050	felt mats	40-120	A1	-	≤ 180	≤ 4.7	any
39	Power-teK FM 050	felt mats	40-120	A1/ A2-s1,d0	(5)	a)	≤ 4.7	a)
40	Power-teK FM 060	felt mats	40-120	A1	-	≤ 180	≤ 4.7	any
41	Power-teK FM 060	felt mats	40-120	A1/ A2-s1,d0	(5)	a)	≤ 4.7	a)
42	PROMALAN HT 100	board	30-150	A1	-	≤ 180	≤ 4.7	any
43	PROMALAN HT 120	board	30-120	A1	-	≤ 180	≤ 4.7	any
44	PROMALAN HT 150	board	30-120	A1	-	≤ 180	≤ 4.7	any
45	PROMALAN HT 200	board	30-120	A1	-	≤ 180	≤ 4.7	any

- = no coating (classification report No. B18260)

(1) GVB=B=VBS= glass fleece/veil black incl. adhesive (classification report No. B18260)

(2) GVB2=B2=VBD glass fleece/veil black on both sides incl. adhesive (classification report No. B18260)

(3) GVN=WVS glass fleece/veil white incl. adhesive (classification report No. B18260)

(4) GVN2=VWD glass fleece/veil white on both sides incl. adhesive (classification report No. B18260)

(5) ALUR=ALU aluminum foil with mesh incl. adhesive (classification report No. B18260)

(6) WBS=glass woven cloth incl. adhesive (classification report No. B18260)

(7) WBD=glass woven - on both sides cloth incl. adhesive (classification report No. B18260)

(9) ALUR2=ALU2=ALD=aluminum foil with mesh incl. Adhesive on both sides (classification report No. B18260)

(10) VES = glass fleece ECOSE incl. adhesive (classification report No. B18260)

(11) VED = glass fleece ECOSE on both sides incl. Adhesive (classification report No. B18260)

a) see notes Table C2 and C3 regarding different facings at page 3 Annex C or classification report No. B18260

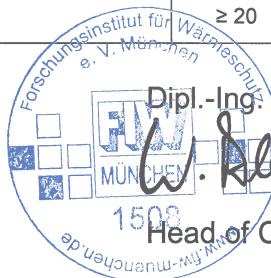
Table C2: Notes regarding different facings restrictions class A1 with ECOSE® Technology
(see also classification report No. B18260 (No.5))

Facing	Thickness [mm]	Minimal density [kg/m³]	Maximum density [kg/m³]
(1) GVB=B=VBS= glass fleece/veil black incl. adhesive or (3) GVN=WVS glass fleece/veil white incl. adhesive or (10) VES = glass fleece ECOSE incl. adhesive	≥ 20	≥ 50	≤ 150
	≥30	≥ 30	≤ 150
(2) GVB2=B2=VBD glass fleece/veil black on both sides incl. adhesive or (4) GVN2=VWD glass fleece/veil white on both sides incl. adhesive Or (11) VED = glass fleece ECOSE on both sides incl. Adhesive	≥ 60	≥ 30	≤ 150
	≥ 20	≥ 90	≤ 150
(5) ALUR=ALU aluminum foil with mesh incl. adhesive	≥ 20	≥ 50	≤ 150
	≥ 25	≥ 35	≤ 150
(9) ALUR2=ALU2=ALD=aluminum foil with mesh incl. Adhesive on both sides	≥ 20	≥ 80	≤ 150
	≥ 60	≥ 30	≤ 150
(6) WBS=glass woven cloth incl. adhesive	≥ 20	≥ 30	≤ 150
(7) WBD=glass woven - on both sides cloth incl. adhesive	≥ 20	≥ 50	≤ 150
	≥ 30	≥ 30	≤ 150

Table C3: Notes regarding different facings restrictions class A2-s1,d0 with ECOSE® Technology
(see also classification report No. B17359 (No.5))

Facing	Thickness [mm]	Minimal density [kg/m³]	Maximum density [kg/m³]
(1) GVB=B=VBS= glass fleece/veil black incl. adhesive or (3) GVN=WVS glass fleece/veil white incl. adhesive or (10) VES = glass fleece ECOSE incl. adhesive	≥ 20	≥ 30	< 50
	≥ 30	≥ 30	< 60
(2) GVB2=B2=VBD glass fleece/veil black on both sides incl. adhesive or (4) GVN2=VWD glass fleece/veil white on both sides incl. adhesive Or (11) VED = glass fleece ECOSE on both sides incl. adhesive	≥ 20	≥ 40	< 90
	≥ 30	≥ 30	< 60
(5) ALUR=ALU aluminum foil with mesh incl. adhesive	≥ 20	≥ 30	< 50
(9) ALUR2=ALU2=ALD=aluminum foil with mesh incl. adhesive on both sides	≥ 20	≥ 40	< 80
(6) WBS=glass woven cloth incl. adhesive	≥ 20	≥ 30	< 40
(7) WBD=glass woven - on both sides cloth incl. adhesive	≥ 20	≥ 30	< 70

Gräfelfing, 27 February 2019



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Head of Certification Body