

EC Certificate of Conformity

Reg.-No.: K1-0751-CPD-091.0-01 (E)

In compliance the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), as later amended, it has been stated that the

construction product **Knauf Insulation-**
mineral wool products according to EN 13162
(details see annex)

placed on the market by **KNAUF INSULATION d.o.o.**
4220 Skofja Loka / Slovenia

and produced in the factory **Skofja Loka / Slovenia**

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the approved bodies:

Forschungsinstitut für Wärmeschutz e.V. München - Identification No. 0751

performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control and an audit-testing of samples taken at the factory, on the market or at the construction site.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

EN 13162:2012

were applied and that the product fulfills all the prescribed requirements.

This certificate was first issued on 27 April 2010 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Gräfelfing, 28 June 2013

Head of Certification Body



Dipl.-Ing. (FH) Wolfgang Albrecht

Annex to EC Certificate of Conformity

Reg.-No.: K1-0751-CPD-091.0-01 (E)

construction product **Knauf Insulation-**
mineral wool products according to EN 13162

placed on the market by **KNAUF INSULATION d.o.o.**
4220 Skofja Loka / Slovenia

and produced in the factory **Skofja Loka / Slovenia**

At the date of issue of the annex, the attestation of conformity relates on the following products without facings:

Notes: Product alternative name has always one of the following prefixes – PBE, DRS, CHM S, CHM C, TSP, DAP, AUT, RSB, MCH, MCH S, CNF and CNF E
If the Product has facing then the alternative name has always one of the following appendixes - GVB, GVN, Alu, AluR

Product line 1

product name	product short name	facing	thermal conductivity subgroup	lambda D	thickness range (mm)	thickness tolerance	reaction to fire	dimensional stability 70°C/90%/r.h.	compression stress	short term water absorption	sound absorption	air flow resistivity
Board D3	B3	without	39A	0,039	30-220	T5	A1	DS(TH)	-	WS	-	AF 5
Board D4 (01),(03)	B4	without / with black or white fleece	37A	0,037	20-200	T5	A1	DS(TH)	-	WS	-	AF 6
Board D5 (01),(03)	B5	without / with black or white fleece	35B	0,035	20-200	T5	A1	DS(TH)	-	WS	-	AF 9
Board D6 (01),(03)	B6	without / with black or white fleece	35B	0,035	20-200	T5	A1	DS(TH)	-	WS	-	AF 10
Board D7 (01),(03)	B7	without / with black or white fleece	35B	0,035	20-200	T5	A1	DS(TH)	-	WS	-	AF 12
Board D8 to Board D11 (01),(03)	B8 - B11	without / with black or white fleece	35B	0,035	20-200	T5	A1	DS(TH)	-	WS	-	-
Board D12 (01),(03)	B12	without / with black or white fleece	37F	0,037	20-200	T5	A1	DS(TH)	-	WS	-	-
Board D13 to Board D14 (01),(03)	B13 - B14	without / with black or white fleece	39F	0,039	11-200	T5	A1	DS(TH)	-	WS	-	-
Board D15 to Board D20 (01),(03)	B15 - B20	without / with black or white fleece	40F	0,040	11-200	T5	A1	DS(TH)	-	WS	-	-
Board Basic	B8	without	35B	0,035	30-200	T5	A1	DS(TH)	-	WS	-	-
Board Premium	BP	without	35B	0,035	30-200	T5	A1	DS(TH)	-	WS	-	-
Board High	BH	without	37F	0,037	30-200	T5	A1	DS(TH)	-	WS	-	-
Board Supreme	BSU	without	37F	0,039	30-200	T5	A1	DS(TH)	-	WS	-	-
Board D8	B8	without	35B	0,035	75-200	T5	A1	DS(TH)	-	WS	AW1	AF 12
Board D10	B10	without	35B	0,035	60-200	T5	A1	DS(TH)	-	WS	AW1	-

product name	product short name	facing	thermal conductivity subgroup	lambda D	thickness range (mm)	thickness tolerance	reaction to fire	dimensional stability 70°C/90%r.h.	compression stress	short term water absorption	sound absorption	air flow resistivity
Board D4 (05),(06)	B4	aluminium foil or aluminium foil with mesh	37A	0,037	30-200	T5	A1	DS(TH)	-	WS	-	-
Board D5 to Board D11(05),(06)	B5 - B11	aluminium foil or aluminium foil with mesh	35B	0,035	30-200	T5	A1	DS(TH)	-	WS	-	-
Board D12(05),(06)	B12	aluminium foil or aluminium foil with mesh	37F	0,037	30-200	T5	A1	DS(TH)	-	WS	-	-
Board D13 to Board D14	B13 - B14	aluminium foil or aluminium foil with mesh	39F	0,039	30-200	T5	A1	DS(TH)	-	WS	-	-
Board D15 to Board D20	B15 - B20	aluminium foil or aluminium foil with mesh	40F	0,040	30-200	T5	A1	DS(TH)	-	WS	-	-
VK Board D8 - VK Board D9	VKB8 - VKB9	without	37H	0,037	18-200	T5	A1	DS(TH)	-	WS	-	-
VK Board D10 - VK Board D11	VKB10 - VKB11	without	38H	0,038	18-200	T5	A1	DS(TH)	-	WS	-	-
VK Board D12 - VK Board D18	VKB12 - VKB18	without	40H	0,040	18-200	T5	A1	DS(TH)	-	WS	-	-
VK Thermal Board D9	VKTB9	without	35B	0,035	30-200	T5	A1	DS(TH)	-	WS	-	-
VK Thermal Board D10	VKTB10	without	35B	0,035	30-200	T5	A1	DS(TH)	-	WS	-	-
Fire board D7 to Fireboard D15 (05),(06)	FB7 - FB15	without	35B	0,035	18-150	T5	A1	-	-	-	-	-
Fire board D2 D7 to Fireboard D2 D15 (05),(06)	FB7 2D - FB15 2D	without	35B	0,035	18-150	T5	A1	-	-	-	-	-
Fire board 3D D7 to Fireboard 3D D15 (05),(06)	FB7 3D - FB15 3D	without	35B	0,035	18-150	T5	A1	-	-	-	-	-
Fire board D15.5 to Fireboard D20 (05),(06)	FB15.5 - FB20	without	37C	0,037	18-150	T5	A1	-	-	-	-	-
Fire board 2D D15.5 to Fireboard 2D D20 (05),(06)	FB15.5 2D - FB20 2D	without	37C	0,037	18-150	T5	A1	-	-	-	-	-
Fire board 3D D15.5 to Fireboard 3D D20 (05),(06)	FB15.5 3D - FB20 3D	without	37C	0,037	18-150	T5	A1	-	-	-	-	-
Crimp Fire Board D20	CFB20	without	40H	0,040	18-150	T5	A1	-	-	-	-	-
Functional Fire Board D12 - Functional Fire Board D20	FFB12 - FFB20	without	40H	0,040	18-150	T5	A1	-	-	-	-	-
LX Basic	LXB	without	39 I	0,039	20-160	T5	A1	DS(TH)	CS(10)40	WS	-	-
LX Premium	LXP	without	39 I	0,039	20-160	T5	A1	DS(TH)	CS(10)50	WS	-	-
LX High	LXH	without	40 I	0,040	20-160	T5	A1	DS(TH)	CS(10)60	WS	-	-
LX Supreme	LXSU	without	42 I	0,042	20-160	T5	A1	DS(TH)	CS(10)80	WS	-	-
LX D9 - LX D9.5	LX9 - LX9.5	without	39 I	0,039	20-160	T5	A1	DS(TH)	CS(10)40	WS	-	-
LX D10	LX10	without	39 I	0,039	20-160	T5	A1	DS(TH)	CS(10)50	WS	-	-
LX D11 - LX D12	LX11 - LX12	without	40 I	0,040	20-160	T5	A1	DS(TH)	CS(10)60	WS	-	-
LX D13.5	LX13.5	without	42 I	0,042	20-160	T5	A1	DS(TH)	CS(10)80	WS	-	-

Product line 2

product name	product short name	facing	thermal conductivity subgroup	lambda D	thickness range (mm)	thickness tolerance	reaction to fire	dimensional stability 70°C/90%r.h.	compression creep	short term water absorption	dynamic stiffness	compressibility	sound absorption	air flow resistivity
Board D6	B6	without	35 B	0.035	20-200	T5	A1	DS(TH)	-	WS	-	-	-	AF 10
Board D7	B7	without	35 B	0.035	20-200	T5	A1	DS(TH)	-	WS	-	-	-	AF 12
Board D8 to Board D11	B8 - B11	without	35 B	0.035	20-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board D12	B12	without	37 F	0.037	20-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board D13 to Board D14	B13 - B14	without	37 F	0.037	11-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board D15 to Board D18	B15 - B18	without	37 F	0.040	11-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board D19 to Board D20	B19 - B20	without	40 H	0.040	18-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board D8	B8	without	35 B	0.035	75-200	T5	A1	DS(TH)	-	WS	-	-	AW1	AF 12
Board D10	B10	without	35 B	0.035	60-200	T5	A1	DS(TH)	-	WS	-	-	AW1	-
Board Basic	BB	without	35 B	0.035	30-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board Premium	BP	without	35 B	0.035	30-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board High	BH	without	37 F	0.037	30-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board Supreme	BSU	without	39 F	0.039	30-200	T5	A1	DS(TH)	-	WS	-	-	-	-
VK Board D8 - VK Board D18	VKB8 - VKB18	without	40 H	0.040	18-200	T5	A1	DS(TH)	-	WS	-	-	-	-
VK Thermal Board D9	VKT B9	without	35 B	0.035	30-200	T5	A1	DS(TH)	-	WS	-	-	-	-
VK Thermal Board D10	VKT B10	without	35 B	0.035	30-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board Premium Thermal	BP T	without	35 B	0.035	30-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board Premium X-Tend	BP X	without	35 B	0.035	30-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board High Thermal	BH T	without	37 F	0.037	30-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board High X-Tend	BH X	without	37 F	0.037	30-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Board TP	B TP	GVN or without	37 F	0.037	10-12	T7	A1	DS(TH)	CC(1/0,7/10)10	WS	SD(40)	CP 2	-	-
Lamella Basic	LB	without	40 K	0.040	20-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Lamella Premium	LP	without	43 K	0.043	20-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Lamella High	LH	without	46 K	0.046	20-200	T5	A1	DS(TH)	-	WS	-	-	-	-
Lamella Premium Thermal	LP T	without	39 K	0.039	40-300	T5	A1	DS(TH)	-	WS	-	-	-	-
Lamella High Thermal	LH T	without	41 K	0.041	40-300	T5	A1	DS(TH)	-	WS	-	-	-	-
Lamella Premium X-Tend	LP X	without	41 K	0.041	40-300	T5	A1	DS(TH)	-	WS	-	-	-	-
Lamella High X-Tend	LH X	without	43 K	0.043	40-300	T5	A1	DS(TH)	-	WS	-	-	-	-

appendixes for products with alternative names:

- (01) GVB (glas fleece - black)
- (02) GVB (glas fleece - white)
- (03) GVN (glas fleece - white)
- (05) ALU (Aluminium foil)
- (06) ALUR (Aluminium foil with mesh)

Gräfelfing, 28 June 2013



Head of Certification Body

Dipl.-Ing. (FH) Wolfgang Albrecht