

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

0751-CPR.2-005.0-01

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.

## Factory made mineralwool (MW) products (details cf. annexes)

placed on the market by **Knauf Insulation d.o.o.**  
Trata 32  
4220 Skofja Loka  
Slovenia

and produced in the factory **Knauf Insulation d.o.o.**  
Trata 32  
4220 Skofja Loka  
Slovenia

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

**EN 14303:2009+A1:2013**

under system 1 are applied and that

**the essential characteristics of reaction to fire for the products fulfil all the prescribed requirements set out above**

This certificate was first issued on 19.06.2015. It will be annually confirmed after successful audits and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard (but no longer than 31.12.2021), 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.

Gräfelfing, 11.02.2019



Certification Body

*Ralph Alberti*

Dipl.-Ing. Ralph Alberti

A publication of extracts or a referring to the Certificate of Constancy of Performance and its annex requires the prior written approval of FIW München.

**Factory:** Knauf Insulation d.o.o., Trata 32, 4220 Skofja Loka, Slovenia

**Construction product(s):** Factory made mineralwool (MW) products according to EN 14303:2009+A1:2013

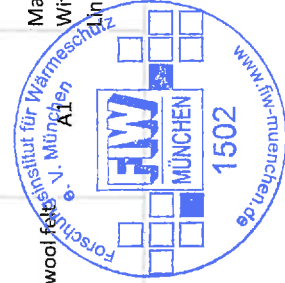
**Intended use:** Thermal insulation products for building equipment and industrial installations

**Level(s) or class(es) reaction to fire:** for uses subject to regulations on reaction to fire A1/A2 and A1L/A2L. Products for which a clearly identifiable stage in the production process results in an improvement of the classification by limiting of organic material.

**Attestation of conformity system:** 1

**Annex A:** Technical Solution Products

Product		Reaction to fire EN 13501-1			
No.	Description	Classification	Range	Report. No	Classification report
1	<b>Form</b> Pipe <b>Type</b> <b>Power-teK PC 600 PS 600</b> Non-combustible mineral wool pipe section	A1L	Max. organic content: 3,02 kg/m <sup>3</sup> Density: ≤ 145 kg/m <sup>3</sup> Binder with phenolic resin Line 2	4	KB-Hoch-110318-2
2	<b>Form</b> Pipe Section <b>Type</b> <b>Thermo-teK PC 080 ALU KPS 041 AluR</b> Non-combustible mineral wool pipe section with a reinforced aluminium facing on one side	A2L-s1,d0	Do ≤ 300 mm Wall thickness: ≥20 mm Density range: 73 kg/m <sup>3</sup> - 106 kg/m <sup>3</sup> Binder with phenolic resin Line 2	5	KB-Hoch-110601
3	<b>Form</b> Pipe Section <b>Type</b> <b>Thermo-teK PC 080 ALU KPS 041 AluR</b> Non-combustible mineral wool pipe section with a reinforced aluminium facing on one side	A2-s1,d0	Do > 300 mm Wall thickness: ≥20 mm Density range: 73 kg/m <sup>3</sup> - 106 kg/m <sup>3</sup> Binder with phenolic resin Line 2	6	KB-Hoch-110601
4	<b>Form</b> Felt Mat <b>Type</b> <b>Power-teK FM 100 FM D100</b> Non-combustible mineral wool felt mat		Max. organic content: 1 kg/m <sup>3</sup> Without binder Line 3	7	B11359-1



No.	Product		Reaction to fire EN 13501-1				
	Form	Type	Description	Classification	Range	Report. No	Classification report
5	Felt Mat	<b>Power-teK LW STD Loose Wool LW</b>	Non-combustible mineral wool felt mat	A1	Max. organic content: 1 kg/m <sup>3</sup> Without binder Line 3	7	B11359-1
6	Felt Mat	<b>Power-teK LW CRY Loose Wool LW Crio</b>	Non-combustible mineral wool felt mat	A1	Max. organic content: 1 kg/m <sup>3</sup> Without binder Line 3	7	B11359-1
7	Board	<b>Power-teK BD 775</b>	Non-combustible mineral wool board	A1	Max. organic content: 3,8 % Density range: 33kg/m <sup>3</sup> - 180 kg/m <sup>3</sup> Binder with phenolic resin	8	K060523

Detail information about the insulation products are given in the classification reports

Gräfelring 11.02.2019

Certification Body

*Ralph Alberti*

Dipl.-Ing. Ralph Alberti



**Factory:** Knauf Insulation d.o.o., Trata 32, 4220 Skofja Loka, Slovenia

**Construction product(s):** Factory made mineralwool (MW) products according to EN 14303:2009+A1:2013

**Intended use:** Thermal insulation products for building equipment and industrial installations for uses subject to regulations on reaction to fire A1. Products for which a clearly identifiable stage in the production process results in an improvement of the classification by limiting of organic material.

**Level(s) or class(es) reaction to fire:**

**Attestation of conformity system:** 1

**Annex B:** Green Solution products

No.	Product		Reaction to fire EN 13501-1				
	Form	Type	Description	Classification	Range	Report. No	Classification report
1	Felt Mat	<b>HTC Green Roll</b>	Non-combustible mineral wool felt mat	A1	Max. organic content: 1 kg/m <sup>3</sup> Without binder Line 3	7	B11359-1
2	Felt Mat	<b>HTC Green Sheet</b>	Non-combustible mineral wool felt mat	A1	Max. organic content: 1 kg/m <sup>3</sup> Without binder Line 3	7	B11359-1
3	Felt Mat	<b>Urbanscape® Needled Mineral Hydro Blanket</b>	Non-combustible mineral wool felt mat	A1	Max. organic content: 1 kg/m <sup>3</sup> Without binder Line 3	7	B11359-1



No.	Product		Reaction to fire EN 13501-1				
	Form	Type	Description	Classification	Range	Report. No	Classification report
4	Felt Mat	<b>Urbanscape® Green Roll</b>	Non-combustible mineral wool felt mat	A1	Max. organic content: 1 kg/m <sup>3</sup> Without binder Line 3	7	B11359-1
5	Felt Mat	<b>Urbanscape® City Farming Blanket</b>	Non-combustible mineral wool felt mat	A1	Max. organic content: 1 kg/m <sup>3</sup> Without binder Line 3	7	B11359-1

Detail information about the insulation products are given in the classification reports

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Factory: Knauf Insulation d.o.o., Trata 32, 4220 Skofja Loka, Slovenia

Construction product(s): Factory made mineralwool (MW) products according to EN 14303:2009+A1:2013

Intended use: Thermal insulation products for building equipment and industrial installations

Level(s) or class(es) reaction to fire: for uses subject to regulations on reaction to fire A1/A2 and A1L/A2L. Products for which a clearly identifiable stage in the production process results in an improvement of the classification by limiting of organic material.

Attestation of conformity system: 1

Annex C: OEM Products

No.	Product		Description	Classification	Range	Reaction to fire EN 13501-1	
	Form	Type				Report. No	Classification report
1	Board	(1) Fire Board D7(*)	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
2	Board	(1) Fire Board D8(*)	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
3	Board	(1) Fire Board D9(*)	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
4	Board	(1) Fire Board D10(*)	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
5	Board	(1) Fire Board D11(*)	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138



No.	Product		Reaction to fire EN 13501-1				
	Form	Type	Description	Classification	Range	Report. No	Classification report
6	Board	<sup>(1)</sup> Fire Board D12 <sup>(*)</sup>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
7	Board	<sup>(1)</sup> Fire Board D13 <sup>(*)</sup>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
8	Board	<sup>(1)</sup> Fire Board D15 <sup>(*)</sup>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
9	Board	<sup>(1)</sup> Fire Board D18 <sup>(*)</sup>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
10	Board	<sup>(1)</sup> Fire Board D18,5 <sup>(*)</sup>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
11	Board	CHM C <sup>(2)</sup> Board D9 <sup>(3)</sup>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
12	Board	CHM C <sup>(2)</sup> Board D10 <sup>(3)</sup>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138



No.	Product		Description	Classification	Range	Report. No	Classification report
	Form	Type					
13	Board	<b>CHM C<sup>(2)</sup> Board D11<sup>(3)</sup></b>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
14	Board	<b>CHM C<sup>(2)</sup> Board D12<sup>(3)</sup></b>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
15	Board	<b>CHM S<sup>(2)</sup> Board D9<sup>(3)</sup></b>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
16	Board	<b>CHM S<sup>(2)</sup> Board D10<sup>(3)</sup></b>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
17	Board	<b>CHM S<sup>(2)</sup> Board D11<sup>(3)</sup></b>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
18	Board	<b>CHM S<sup>(2)</sup> Board D12<sup>(3)</sup></b>	Non-combustible mineral wool board	A1	Max. organic content: 3,2 kg/m <sup>3</sup> Density: ≤ 216 kg/m <sup>3</sup> Binder with phenolic resin Line 1	1	KB-Hoch-121138
19	Pipe Section	<b>CHM S CFB Pipe Section AluR</b>	Non-combustible mineral wool pipe section with a reinforced aluminium facing on one side	A2L-s1,d0	Do ≤ 300 mm Wall thickness: ≥ 20 mm Density range: 73 kg/m <sup>3</sup> - 106 kg/m <sup>3</sup> Binder with phenolic resin Line 2	5	KB-Hoch-110601





No.	Product		Reaction to fire EN 13501-1				
	Form	Type	Description	Classification	Range	Report. No	Classification report
20	Pipe Section	<b>CHM S CFB Pipe Section AluR</b>	Non-combustible mineral wool pipe section with a reinforced aluminium facing on one side	A2-s1,d0	Do > 300 mm Wall thickness: ≥ 20 mm Density range: 73 kg/m <sup>3</sup> - 106 kg/m <sup>3</sup> Binder with phenolic resin Line 2	6	KB-Hoch-110601
21	Pipe Section	<b>CHM S CFB Pipe Section</b>	Non-combustible mineral wool pipe section	A1L	Max. organic content: 3,02 kg/m <sup>3</sup> Density: ≤ 145 kg/m <sup>3</sup> Binder with phenolic resin Line 2	4	KB-Hoch-110318-2
22	Lamella Mat	<b>CHM S LM D5 AluR</b>	Non-combustible mineral wool lamella mat with a reinforced aluminium facing on one side	A2-s1,d0	Wall thickness: ≥ 20 mm Density range: 39 kg/m <sup>3</sup> - 90 kg/m <sup>3</sup> Binder with phenolic resin Line 1	3	KB-Hoch-111237-3
23	Lamella Mat	<b>CHM S LM DIA D5 AluR</b>	Non-combustible mineral wool lamella mat with a reinforced aluminium facing on one side	A2-s1,d0	Wall thickness: ≥ 20 mm Density range: 39 kg/m <sup>3</sup> - 90 kg/m <sup>3</sup> Binder with phenolic resin Line 1	3	KB-Hoch-111237-3
24	Lamella Mat	<b>CHM S LM D9 AluR</b>	Non-combustible mineral wool lamella mat with a reinforced aluminium facing on one side	A2-s1,d0	Wall thickness: ≥ 20 mm Density range: 39 kg/m <sup>3</sup> - 90 kg/m <sup>3</sup> Binder with phenolic resin Line 1	3	KB-Hoch-111237-3



No.	Product		Reaction to fire EN 13501-1				
	Form	Type	Description	Classification	Range	Report. No	Classification report
25	Lamella Mat	<b>CHM S LM DIA D9 Alur</b>	Non-combustible mineral wool lamella mat with a reinforced aluminium facing on one side	A2-s1,d0	Wall thickness: ≥ 20 mm Density range: 39 kg/m <sup>3</sup> - 90 kg/m <sup>3</sup> Binder with phenolic resin Line 1	3	KB-Hoch-111237-3

Detail information about the insulation products are given in the classification reports

- (1) Product alternative name has always one of the following prefixes: PBE, DRS, CHM S, CHM C, TSP, DAP, AUT, RSB, MCH, SW Cores, CNF, CNF E and SPA
- (\*) Fire board D7-D18,5 can have instead of D7-D18,5 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/m<sup>2</sup> divided by 10
- (2) possible prefix: V-Grooved
- (3) possible facings: GVN, GVB



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