

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0751-CPR.2-003.0-07

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. annex)

placed on the market by

SAINT-GOBAIN ISOVER G+H AG
Bürgermeister-Grünzweig-Str. 1
67059 Ludwigshafen
Germany

and produced in the factory

Lübz
Industriestraße 11
19386 Lübz
Germany

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 06.12.2013 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 08.11.2020), 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, 07.11.2019



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: Lübz, Industriestraße 11 , 19386 Lübz, Germany

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

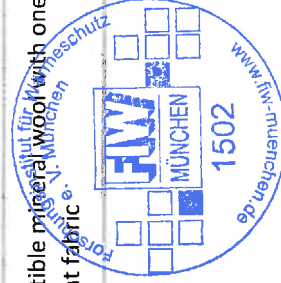
Level(s) or class(es) reaction to fire: for uses subject to regulations on reaction to fire A1/A2. Products for which a clearly identifiable stage in the production process results in an improvement of the classification by limiting of organic material.

Attestation of conformity system: 1

No.	Form		Description	Product	Nominal density	Reaction to fire EN 13501-1		
	Type					Classification	Report. No	Classification report
1	Slab	U KPN 15	Slab made of non-combustible mineral wool		15 kg/m ³	A1	18	KB-Hoch-141228
2	Roll	UKFN 16	Roll made of non-combustible mineral wool		16 kg/m ³	A1	18	KB-Hoch-141228
3	Slab	U KPN 16	Slab made of non-combustible mineral wool		16 kg/m ³	A1	18	KB-Hoch-141228
4	Slab	U KPG 2/ si-frei	Slab made of non-combustible mineral wool with one-sided lamination of glass filament fabric		18 kg/m ³	A1	8	KB-Hoch-121415
5	Slab	U KPN 20	Slab made of non-combustible mineral wool		20 kg/m ³	A1	19	KB-Hoch-151494
6	Slab	U KPV 20	Slab made of non-combustible mineral wool with one-sided lamination of glass fibre fleece		20 kg/m ³	A1	21	KB-Hoch-161256



No.	Product		Nominal density	Reaction to fire EN 13501-1		
	Form	Type		Description	Classification	Report. No
7	Roll	U TFN 20	20 kg/m ³	A1	17	3764/0704-1
8	Slab	U Solar Easyroll 2.0 N	20 kg/m ³	A1	19	KB-Hoch-151494
9	Slab	U Solar Roll 2.0 N	20 kg/m ³	A1	19	KB-Hoch-151494
10	Roll	U KfV 21 Rollstripe	21 kg/m ³	A1	21	KB-Hoch-161256
11	Slab	U TECH Slab 2.0 V2	22 kg/m ³	A1	17	3764/0704-1
12	Slab	Coracoustic-USG	22 kg/m ³	A1	17	3764/0704-1
13	Slab	U KPG 22	22 kg/m ³	A1	17	3764/0704-1



No.	Product		Nominal density	Reaction to fire EN 13501-1			
	Form	Type		Description	Classification	Report. No	Classification report
14	Slab	U TPG 22	22 kg/m ³	Slab made of non-combustible mineral wool with one-sided lamination of glass filament fabric	A1	17	3764/0704-1
15	Slab	U TPV 22	22 kg/m ³	Slab made of non-combustible mineral wool	A1	17	3764/0704-1
16	Roll	U TECH Roll 2.0	23 kg/m ³	Roll made of non-combustible mineral wool Following one-sided laminations are possible: V1: glass fibre fleece	A1	17	3764/0704-1
17	Roll	U TECH Roll 2.0 Alu1	23 kg/m ³	Roll made of non-combustible mineral wool with one-sided lamination of aluminium foil layer	A1	16	230010120
18	Slab	U TECH Slab 2.0	23 kg/m ³	Slab made of non-combustible mineral wool Following one-sided laminations are possible: V1: glass fibre fleece	A1	17	3764/0704-1
19	Slab	U TECH Slab 2.0 Alu1	23 kg/m ³	Slab made of non-combustible mineral wool with one-sided lamination of aluminium foil layer	A1	16	230010120
20	Roll	U TFN 23	23 kg/m ³	Roll made of non-combustible mineral wool	A1	5	KB-Hoch-121166
					A1	6	KB-Hoch-121169
21	Slab	U TPN 23	23 kg/m ³	Slab made of non-combustible mineral wool	A1	5	KB-Hoch-121166
					A1	6	KB-Hoch-121169



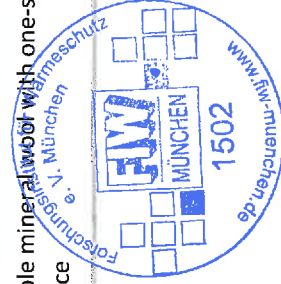
No.	Product		Nominal density	Reaction to fire EN 13501-1		
	Form	Type		Description	Classification	Report. No
22	Roll	U TFA 23	23 kg/m ³	A1	5	KB-Hoch-121166
				A1	6	KB-Hoch-121169
23	Slab	U TECH Slab 2.0 G.1	23 kg/m ³	A1	17	3764/0704-1
24	Roll	U FK/AGF	24 kg/m ³	A1	5	KB-Hoch-121166
				A1	6	KB-Hoch-121169
25	Slab	U TPG 24	24kg/m ³	A1	17	3764/0704-1
26	Slab	U TPN 24	24 kg/m ³	A1	17	3764/0704-1
27	Slab	U TPT	24 kg/m ³	A1	17	3764/0704-1
28	Roll	U KFG 25-120	25 kg/m ³	A1	17	3764/0704-1
29	Slab	U KPN 25	25 kg/m ³	A1	21	KB-Hoch-161256
30	Slab	U Solar Easyroll 2.5 N	25 kg/m ³	A1	21	KB-Hoch-161256



No.	Product			Reaction to fire EN 13501-1			
	Form	Type	Description	Nominal density	Classification	Report. No	Classification report
31	Slab	U Solar Easyroll 2.5 V2	Slab made of non-combustible mineral wool	25 kg/m ³	A1	21	KB-Hoch-161256
32	Slab	U Solar Roll 2.5 N	Slab made of non-combustible mineral wool	25 kg/m ³	A1	21	KB-Hoch-161256
33	Slab	U Solar Roll 2.5 V2	Slab made of non-combustible mineral wool	25 kg/m ³	A1	21	KB-Hoch-161256
34	Slab	U Solar Slab 2.5 N	Slab made of non-combustible mineral wool	25 kg/m ³	A1	21	KB-Hoch-161256
35	Roll	U Tfv 25	Roll made of non-combustible mineral wool with one-sided lamination of glass fibre fleece	25 kg/m ³	A1	17	3764/0704-1
36	Slab	U TPV 25	Slab made of non-combustible mineral wool with one-sided lamination of glass fibre fleece	25 kg/m ³	A1	17	3764/0704-1
37	Slab	U KPN 30	Slab made of non-combustible mineral wool	30 kg/m ³	A1	5	KB-Hoch-121166
					A1	6	KB-Hoch-121169
38	Slab	U TPV 30	Slab made of non-combustible mineral wool with one-sided lamination of glass fibre fleece	30 kg/m ³	A1	17	3764/0704-1
39	Slab	U TPV 30	Slab made of non-combustible mineral wool with both sided lamination of glass fibre fleece	30 kg/m ³	A1	17	3764/0704-1



No.	Product		Description	Nominal density	Reaction to fire EN 13501-1		
	Form	Type			Classification	Report. No	Classification report
40	Slab	U KPA 32	Slab made of non-combustible mineral wool with one-sided lamination of aluminium foil layer	32 kg/m ³	A1	13	K-3327/559/14-MPA BS
41	Roll	U KFA 33	Roll made of non-combustible mineral wool with one-sided lamination of aluminium foil layer	33 kg/m ³	A1	13	K-3327/559/14-MPA BS
42	Slab	U KPN 34	Slab made of non-combustible mineral wool	34kg/m ³	A1	5	KB-Hoch-121166
43	Slab	U KPV 34	Slab made of non-combustible mineral wool with one-sided lamination of glass fibre fleece	34kg/m ³	A1	21	KB-Hoch-161256
44	Roll	U Protect Roll 3.1 Alu1	Roll made of non-combustible mineral wool with one-sided lamination of aluminium foil layer	34kg/m ³	A1	13	K-3327/559/14-MPA BS
45	Slab	U Solar Slab 3.5 V1	Slab made of non-combustible mineral wool with one-sided lamination of glass fibre fleece	34kg/m ³	A1	21	KB-Hoch-161256
46	Slab	U Solar Slab 3.5 V2	Slab made of non-combustible mineral wool with one-sided lamination of glass fibre fleece	34kg/m ³	A1	21	KB-Hoch-161256



No.	Product		Nominal density	Reaction to fire EN 13501-1		
	Form	Description		Classification	Report. No	Classification report
47	Slab	U Solar Slab 3.5 VV1 Slab made of non-combustible mineral wool with both-sided laminations of glass fibre fleece	34kg/m ³	A1	21	KB-Hoch-161256
48	Slab	U TECH Slab MT 3.0 Slab made of non-combustible mineral wool	34kg/m ³	A1	5	KB-Hoch-121166
49	Slab	U TECH Slab MT 3.0 Alu1 Slab made of non-combustible mineral wool with one-sided lamination of aluminium foil layer	34kg/m ³	A1	6	KB-Hoch-121169
50	Slab	U TECH Slab MT 3.0 V1 Slab made of non-combustible mineral wool with one-sided lamination of glass fibre fleece	34kg/m ³	A1	13	K-3327/559/14-MPA BS
51	Slab	U TECH Slab MT 3.1 Slab made of non-combustible mineral wool	34kg/m ³	A1	17	3764/0704-1
52	Slab	U TECH Slab MT 3.1 Alu1 Slab made of non-combustible mineral wool with one-sided lamination of aluminium foil layer	34kg/m ³	A1	5	KB-Hoch-121166
53	Slab	U TECH Slab MT 3.1 V2 Slab made of non-combustible mineral wool with one-sided lamination of aluminium foil layer	34kg/m ³	A1	6	KB-Hoch-121169



No.	Product		Reaction to fire EN 13501-1				
	Form	Type	Description	Nominal density	Classification	Report. No	Classification report
54	Roll	U TFA 34	Roll made of non-combustible mineral wool with one-sided lamination of aluminium foil layer	34kg/m ³	A1	13	K-3327/559/14-MPA BS
55	Slab	U TPA 34	Slab made of non-combustible mineral wool with one-sided lamination of aluminium foil layer	34kg/m ³	A1	13	K-3327/559/14-MPA BS
56	Slab	U TPAG 34	Slab made of non-combustible mineral wool with one-sided lamination of glass filament fabric	34kg/m ³	A2-s1,d0	7	3764/0704-1
57	Slab	U TPG 34	Slab made of non-combustible mineral wool with one-sided lamination of glass filament fabric	34kg/m ³	A2-s1,d0	7	3764/0704-1
58	Slab	U TPN 34	Slab made of non-combustible mineral wool	34 kg/m ³	A1	5	KB-Hoch-121166
					A1	6	KB-Hoch-121169
59	Slab	U TPV 34	Slab made of non-combustible mineral wool with one-sided lamination of glass fibre fleece	34 kg/m ³	A1	17	3764/0704-1
60	Roll	U Protect Maki 1.0	Roll made of non-combustible mineral wool with one-sided lamination of glass fibre fleece	40 kg/m ³	A1	17	3764/0704-1
61	Roll	U TECH Roll 4.0 Alu1	Roll made of non-combustible mineral wool with one-sided lamination of aluminium foil layer	40 kg/m ³	A1	17	3764/0704-1
					A1	13	K-3327/559/14-MPA BS



No.	Product		Nominal density	Reaction to fire EN 13501-1		
	Form	Description		Classification	Report. No	Classification report
62	Roll	U TECH Roll 4.0 V1 Roll made of non-combustible mineral wool with one-sided lamination of glass fibre fleece	40 kg/m ³	A1	17	3764/0704-1
63	Wired mat	U TECH Wired Mat MT 4.0 Wired Mat made of non-combustible mineral wool with galvanised wire mesh and stainless netting wire	40 kg/m ³	A1	5	KB-Hoch-121166
64	Slab	U Thermo Board 3 Slab made of non-combustible mineral wool	40 kg/m ³	A1	6	KB-Hoch-121169
65	Mat	U Thermo Felt 3 Mat made of non-combustible mineral wool	40 kg/m ³	A1	5	KB-Hoch-121166
66	Wired mat	U Thermo Matt 3 Wired Mat made of non-combustible mineral wool with galvanised wire mesh and stainless netting wire	40 kg/m ³	A1	6	KB-Hoch-121169
67	Slab	U TPG 45 Slab made of non-combustible mineral wool with one-sided lamination of glass filament fabric	45 kg/m ³	A2-s1,d0	7	3764/0704-1
68	Roll	U Protect Maki 2.0 Roll made of non-combustible mineral wool with one-sided lamination of glass fibre fleece	48 kg/m ³	A1	11	KB-Hoch-121220
69	Slab	U Thermo Board 4 Slab made of non-combustible mineral wool	48 kg/m ³	A1	5	KB-Hoch-121166
				A1	6	KB-Hoch-121169



No.	Product		Description	Nominal density	Reaction to fire EN 13501-1		
	Form	Type			Classification	Report. No	Classification report
70	Mat	U Thermo Matt 4	Mat made of non-combustible mineral wool with galvanised wire mesh and stainless netting wire	48 kg/m ³	A1	5	KB-Hoch-121166
71	Slab	U KPW 50	Slab made of non-combustible mineral wool with both-sided laminations of glass fibre fleece	50 kg/m ³	A1	17	3764/0704-1
72	Slab	U TPA 50	Slab made of non-combustible mineral wool with one-sided laminations of aluminium foil layer	50 kg/m ³	A1	17	3764/0704-1
73	Slab	U TPN 50	Slab made of non-combustible mineral wool	50 kg/m ³	A1	5	KB-Hoch-121166
74	Slab	U TPV 50	Slab made of non-combustible mineral wool with one-sided laminations of glass fibre fleece	50 kg/m ³	A1	6	KB-Hoch-121169
75	Slab	U KPV-V 5.0	Slab made of non-combustible mineral wool with one-sided laminations of glass fibre fleece	55 kg/m ³	A1	11	KB-Hoch-121220
76	Slab	U TPV 5.0 (White)	Slab made of non-combustible mineral wool with one-sided laminations of glass fibre fleece	55 kg/m ³	A1	22	KB-Hoch-141298



No.	Product		Nominal density	Reaction to fire EN 13501-1		
	Form	Type		Description	Classification	Report. No
77	Wired mat	U Protect Wired Mat 2.0	55 kg/m ³	A1	1	KB-Hoch-100037-3
		Wired mat made of non-combustible mineral wool. Following variations are possible: Alu1: galvanised wire mesh / galvanised netting wire / aluminium foil V1: galvanised wire mesh / galvanised netting wire/ polyester fibre fleece				
78	Wired mat	U TECH Wired Mat MT 5.0	55 kg/m ³	A1	1	KB-Hoch-100037-3
		Wired mat made of non-combustible mineral wool. Following variations are possible: without product designation: galvanised wire mesh /galvanised netting wire Alu1X: galvanised wire mesh /stainless netting wire / aluminium foil X: galvanised wire mesh /stainless netting wire				
79	Slab	U TECH Slab MT 5.0	55 kg/m ³	A1	1	KB-Hoch-100037-3
		Slab made of non-combustible mineral wool. Following one-side laminations are possible: Alu1: aluminium foil layer V1: glass fibre fleece				
80	Slab	U TPV-V 5.0	55 kg/m ³	A1	11	KB-Hoch-121220
		Slab made of non-combustible mineral wool with both sided lamination of glass fibre fleece				



No.	Product		Nominal density	Reaction to fire EN 13501-1		
	Form	Type		Description	Classification	Report. No
81	Slab	U Protect Slab 2.0	57 kg/m ³	A1	1	KB-Hoch-100037-3
82	Slab	U Thermo Board 6	60 kg/m ³	A1	5	KB-Hoch-121166
83	Mat	U Thermo Felt 6	60 kg/m ³	A1	5	KB-Hoch-121166
84	Wired mat	U Thermo Matt 6	60 kg/m ³	A1	6	KB-Hoch-121169
85	Slab	U TPG 60	60 kg/m ³	A2-s1,d0	7	3764/0704-1
86	Roll	U Protect Maki 3.0	64 kg/m ³	A1	2	KB-Hoch-110759
87	Roll	U TFG 65-G	65 kg/m ³	A1	2	KB-Hoch-110759



No.	Product		Nominal density	Reaction to fire EN 13501-1		
	Form	Type		Description	Classification	Report. No
88	Mat	U Protect Mat 4.0 V2	66 kg/m ³	A1	2	KB-Hoch-110759
89	Slab	U Tech Slab MT 6.0	66 kg/m ³	A1	2	KB-Hoch-110759
90	Slab	U Tech Slab MT 6.0 G1	66 kg/m ³	A2-s1,d0	7	3764/0704-1
91	Wired mat	U Protect Wired Mat 4.0	66 kg/m ³	A1	3	KB-Hoch-100333-2
				A1	4	KB-Hoch-100365-2
92	Wire mat	U TECH Wired Mat MT 6.0	66 kg/m ³	A1	4	KB-Hoch-100365-2
				A1	4	KB-Hoch-100365-2
93	Slab	U TPA 66	66 kg/m ³	A1	2	KB-Hoch-110759



No.	Product		Nominal density	Reaction to fire EN 13501-1		
	Form Type	Description		Classification	Report No	Classification report
94	Slab U TPN 66	Slab made of non-combustible mineral wool	66 kg/m ³	A1	2	KB-Hoch-110759
95	Slab U Protect Slab 4.0	Slab made of non-combustible mineral wool Following one-sided laminations are possible: V1: glass fibre fleece	66 kg/m ³	A1	2	KB-Hoch-110759
96	Slab U Protect Slab 4.0 Alu1	Slab made of non-combustible mineral wool with one-sided lamination of black multilayer aluminium foil	66 kg/m ³	A1	12	KB-Hoch-140127-2
97	Slab U TPV 70	Slab made of non-combustible mineral wool	70 kg/m ³	A1	17	3764/0704-1
98	Wired mat U Tech Wired Mat MT 7.0 X	Wired mat made of non-combustible mineral wool with galvanised wire mesh and stainless netting wire	80 kg/m ³	A1	2	KB-Hoch-110759
99	Pipe Section U TECH Pipe Section MAT MT 7.0 G1	V-Grooved slab made of non-combustible mineral wool with lamination of glass filament fabric on the not grooved side	80 kg/m ³	A1	20	K-3324/556/14-MPA BS
100	Slab U Thermo Board 8	Slab made of non-combustible mineral wool	80 kg/m ³	A1	2	KB-Hoch-110759
101	Wired mat U Thermo Matt 8	Wired mat made of non-combustible mineral wool with galvanised wire mesh and stainless netting wire	80 kg/m ³	A1	6	KB-Hoch-121169
				A1	4	KB-Hoch-100365-2
				A1	14	2013-1502-K1-1



No.	Product		Reaction to fire EN 13501-1				
	Form	Type	Description	Nominal density	Classification	Report. No	Classification report
102	Slab	U TPA 80	Slab made of non-combustible mineral wool with one-sided laminations of aluminium foil layer	80 kg/m ³	A1	15	230010119-4
103	Slab	U TPN 80	Slab made of non-combustible mineral wool	80 kg/m ³	A1	2	KB-Hoch-110759
					A1	6	KB-Hoch-121169
104	Slab	U KPN 2531	Slab made of non-combustible mineral wool	83 kg/m ³	A1	2	KB-Hoch-110759
					A1	6	KB-Hoch-121169
105	Slab	U Protect Slab 90	Slab made of non-combustible mineral wool	90 kg/m ³	A1	6	KB-Hoch-121169
106	Slab	U MPN 90, U SeaProtect Slab 90	Slab made of non-combustible mineral wool	95 kg/m ³	A1	6	KB-Hoch-121169
107	Slab	U KPN 100	Slab made of non-combustible mineral wool	100 kg/m ³	A1	6	KB-Hoch-121169
108	Slab	U TECH Slab HT 8.0	Slab made of non-combustible mineral wool	100 kg/m ³	A1	6	KB-Hoch-121169



No.	Product		Nominal density	Reaction to fire EN 13501-1		
	Form	Type		Description	Classification	Report. No
109	Slab	U TPN 100	100 kg/m ³	A1	6	KB-Hoch-121169
110	Wired mat	U TECH Wired Mat HT 8.0 X	120 kg/m ³	A1	14	2013-1502-K1-1

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

Gräfelfing 07.11.2019



Certification Body

Ralph Alberti

Dipl.-Ing. Ralph Alberti