

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0751-CPR.2-003.0-03

In compliance with Regulation (EU) 305/2011 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 mineral wool (MW) products for thermal insulation of building
equipment and industrial installations**
(details cf. annex)

Placed on the market under the name or trade mark of

SAINT-GOBAIN ISOVER G+H AG

Bürgermeister-Grünzweig-Str. 1
67059 Ludwigshafen
Germany

and produced in the manufacturing plant

Ladenburg

Dr. Albert-Reimann-Str. 20
68526 Ladenburg
Germany

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

EN 14303:2009+A1:2013

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 04.12.2013 and will remain valid (but no longer than 02.12.2021) as long as neither the harmonised 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 02.12.2020



Certification Body

Ralph Alberti
Dipl.-Ing. Ralph Alberti



Factory: Ladenburg, Dr. Albert-Reimann-Str. 20, 68526 Ladenburg , Germany

Construction product(s): Factory made mineral wool (MW) products for thermal insulation of building equipment and industrial installations 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. Products for which a clearly identifiable stage in the production process results in an improvement in the reaction to fire classification by limiting of organic material.

Attestation of conformity system: 1

| No. | Form | Name | Product Description | Nominal density | Classi- fication | Reaction to fire EN 13501-1 | | |
|-----|------|-----------------------------|--|----------------------|---------------------|---------------------------------|---------------|-----------------------|
| | | | | | | Range | Fire Group | Classification report |
| 1 | Slab | SW SOLAR SLAB 1.5 V1 | Slab made of non-combustible mineral wool with one sided lamination of glass fibre fleece | 25 kg/m ³ | A1 | Mass of organic content ≤ 2,4 % | 10 | KB-Hoch-151086 |
| 2 | Slab | SPH 30 | Slab made of non-combustible mineral wool | 27 kg/m ³ | A1 | Mass of organic content: 3,49 % | 11 | KB-Hoch-151009 |
| 3 | Slab | SPH/VV 30 | Slab made of non-combustible mineral wool with both sided lamination of glass fibre fleece | 30 kg/m ³ | A1 | Mass of organic content ≤ 2,6 % | 9 | KB-Hoch-160157 |
| 4 | Slab | SPH/V 40 | Slab made of non-combustible mineral wool with one sided lamination of glass fibre fleece | 34 kg/m ³ | A1 | Mass of organic content ≤ 2,4 % | 10 | KB-Hoch-151086 |
| 5 | Slab | SPH/VV 40 | Slab made of non-combustible mineral wool with both sided lamination of glass fibre fleece | 34 kg/m ³ | A1 | Mass of organic content ≤ 2,6 % | 9 | KB-Hoch-160157 |



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|-----|------|-----------------------------|--|----------------------|-----------------------------|---------------------------------|------------|-----------------------|
| | | | Description | Nominal density | Classification | Range | Fire Group | Classification report |
| 6 | Slab | SPH 40 | Slab made of non-combustible mineral wool | 36 kg/m ³ | A1 | Mass of organic content: 3,49 % | 11 | KB-Hoch-151009 |
| 7 | | | | | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 8 | Slab | SW SOLAR SLAB 2.0 N | Slab made of non-combustible mineral wool | 36 kg/m ³ | A1 | Mass of organic content: 3,49 % | 11 | KB-Hoch-151009 |
| 9 | | | | | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 10 | Slab | SW SOLAR SLAB 2.0 V1 | Slab made of non-combustible mineral wool with one sided lamination of glass fibre fleece | 36 kg/m ³ | A1 | Mass of organic content ≤ 2,4 % | 10 | KB-Hoch-151086 |
| 11 | Slab | SPH 50 | Slab made of non-combustible mineral wool | 45 kg/m ³ | A1 | Mass of organic content: 3,49 % | 11 | KB-Hoch-151009 |
| 12 | | | | | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 13 | Slab | SPH/V 50 | Slab made of non-combustible mineral wool with one sided lamination of glass fibre fleece | 45 kg/m ³ | A1 | Mass of organic content ≤ 2,4 % | 10 | KB-Hoch-151086 |
| 14 | Slab | SPH/VV 50 | Slab made of non-combustible mineral wool with both sided lamination of glass fibre fleece | 45 kg/m ³ | A1 | Mass of organic content ≤ 2,6 % | 9 | KB-Hoch-160157 |
| 15 | Slab | SPS 50 | Slab made of non-combustible mineral wool | 45 kg/m ³ | A1 | Mass of organic content: 3,49 % | 11 | KB-Hoch-151009 |
| 16 | | | | | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |



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|-----|------|-----------------------------|---|----------------------|-----------------------------|---------------------------------|------------|-----------------------|
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| 17 | Slab | SW SOLAR SLAB 2.5 N | Slab made of non-combustible mineral wool | 45 kg/m ³ | A1 | Mass of organic content: 3,49 % | 11 | KB-Hoch-151009 |
| 18 | | | | | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 19 | Slab | SW SOLAR SLAB 2.5 V1 | Slab made of non-combustible mineral wool with one sided lamination of glass fibre fleece | 45 kg/m ³ | A1 | Mass of organic content ≤ 2,4 % | 10 | KB-Hoch-151086 |
| 20 | Slab | SP/V 70 | Slab made of non-combustible mineral wool with one sided lamination of glass fibre fleece | 65 kg/m ³ | A1 | Mass of organic content ≤ 2,6 % | 9 | KB-Hoch-160157 |
| 21 | Slab | SPH 70 | Slab made of non-combustible mineral wool | 65 kg/m ³ | A1 | Mass of organic content: 3,49 % | 11 | KB-Hoch-151009 |
| 22 | | | | | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 23 | Slab | SPH/V 70 | Slab made of non-combustible mineral wool with one sided lamination of glass fibre fleece | 65 kg/m ³ | A1 | Mass of organic content ≤ 2,6 % | 9 | KB-Hoch-160157 |
| 24 | Slab | SPS 70 | Slab made of non-combustible mineral wool | 65 kg/m ³ | A1 | Mass of organic content: 3,49 % | 11 | KB-Hoch-151009 |
| 25 | | | | | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |



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| 26 | Slab | TECH Slab MT 3.0 / SPS 70 | Slab made of non-combustible mineral wool | 65 kg/m ³ | A1 | Mass of organic content: 3,49 % | 11 | KB-Hoch-151009 |
| 27 | | | | | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 28 | Wired mat | Terminap 322 TECH Wired Mat MT 3.0 | Wired mat made of non-combustible mineral wool with galvanised wire mesh and galvanised netting wire | 75 kg/m ³ | A1 | - | 2 | KB-Hoch-111136 |
| 29 | Slab | SPH 80 | Slab made of non-combustible mineral wool | 80 kg/m ³ | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 30 | Slab | SPH/V 80 | Slab made of non-combustible mineral wool with one sided lamination of glass fibre fleece | 80 kg/m ³ | A1 | Mass of organic content ≤ 2,6 % | 9 | KB-Hoch-160157 |
| 31 | Slab | SPS 90 | Slab made of non-combustible mineral wool | 80 kg/m ³ | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 32 | Wired mat | TECH Wired Mat MT 4.0 / MD 2 | Wired mat made of non-combustible mineral wool Following variations are possible: without designation: galvanised wire mesh / galvanised netting wire Alu 1: galvanised wire mesh / galvanised netting wire/ aluminium foil Alu 1 X: galvanised wire mesh / stainless netting wire/ aluminium foil X: galvanised wire mesh / stainless netting wire X-X: stainless wire mesh / stainless netting wire | 80 kg/m ³ | A1 | - | 2 | KB-Hoch-111136 |



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|-----|------|-------------------------|--|----------------------|-----------------------------|---------------------------------|---------------|-----------------------|
| | | Name | Description | | Classi- fication | Range | Fire Group | |
| 33 | Slab | SP 100 | Slab made of non-combustible mineral wool | 90 kg/m ³ | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 34 | | | | | A1 | Mass of organic content ≤ 4,3 % | 14 | KB-Hoch-160991 |
| 35 | Slab | SP 90 T | Slab made of non-combustible mineral wool | 90 kg/m ³ | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 36 | | | | | A1 | Mass of organic content ≤ 4,3 % | 14 | KB-Hoch-160991 |
| 37 | Slab | SP/VV100 | Slab made of non-combustible mineral wool with both sided lamination of glass fibre fleece | 90 kg/m ³ | A1 | Mass of organic content ≤ 2,6 % | 9 | KB-Hoch-160157 |
| 38 | Slab | SPH 100 | Slab made of non-combustible mineral wool | 90 kg/m ³ | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 39 | | | | | A1 | Mass of organic content ≤ 4,3 % | 14 | KB-Hoch-160991 |
| 40 | Slab | SPH/V100 | Slab made of non-combustible mineral wool with one sided lamination of glass fibre fleece | 90 kg/m ³ | A1 | Mass of organic content ≤ 2,6 % | 9 | KB-Hoch-160157 |
| 41 | Slab | SPH/VV100 | Slab made of non-combustible mineral wool with both sided lamination of glass fibre fleece | 90 kg/m ³ | A1 | Mass of organic content ≤ 2,6 % | 9 | KB-Hoch-160157 |
| 42 | Slab | SPS 100 | Slab made of non-combustible mineral wool | 90 kg/m ³ | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 43 | | | | | A1 | Mass of organic content ≤ 4,3 % | 14 | KB-Hoch-160991 |
| 44 | Slab | TECH Slab MT 4.0 | Slab made of non-combustible mineral wool | 90 kg/m ³ | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 45 | | | | | A1 | Mass of organic content ≤ 4,3 % | 14 | KB-Hoch-160991 |



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|-----|--------------|---|--|-------------------------|----------------|---------------------------------|----|----------------|-----------------------|
| | | | Description | | | Range | | | |
| 46 | Wired mat | ISOVER Mineralwollematten MD 100 TECH Wired Mat MT 5.0 | <p>Wired mat made of non-combustible mineral wool. Following variations are possible: without designation: galvanised wire mesh / galvanised netting wire Alu 1: galvanised wire mesh / galvanised netting wire/ aluminium foil Alu 1 X: galvanised wire mesh / stainless netting wire/ aluminium foil EX: galvanised wire mesh / galvanised netting wire X: galvanised wire mesh / stainless netting wire X-EX: galvanised wire mesh / stainless netting wire X-X: stainless wire mesh / stainless netting wire</p> | 100 kg/m ³ | A1 | - | 1 | KB-Hoch-111141 | |
| 47 | Wired mat | Therminap 342 | Wired mat made of non-combustible mineral wool with galvanised wire mesh and galvanised netting wire | 100 kg/m ³ | A1 | - | 1 | KB-Hoch-111141 | |
| 48 | Pipe Section | Sillatherm TR Schale Sillatherm TR Segment | Pipe section made of non-combustible mineral wool | 110 kg/m ³ - | A1 | Mass of organic content: 3,49 % | 11 | KB-Hoch-151009 | |
| 49 | | | | 120 kg/m ³ | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 | |
| 50 | Slab | SPH 120 | Slab made of non-combustible mineral wool | 110 kg/m ³ | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 | |
| 51 | | | | | A1 | Mass of organic content ≤ 4,3 % | 14 | KB-Hoch-160991 | |



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|-----|-----------|----------------------------|---|--|----------------|---------------------------------|------------|-----------------------|
| | | Name | Description | Nominal density | Classification | Range | Fire Group | Classification report |
| 52 | Wired mat | MDD | Wired mat made of non-combustible mineral wool | 115 kg/m ³ | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 53 | | | Following variations are possible: without designation: galvanised wire mesh / galvanised netting wire /X: galvanised wire mesh / stainless netting wire /XX: stainless wire mesh / stainless netting wire | | A1 | Mass of organic content ≤ 4,3 % | | |
| 54 | Slab | SP 120 | Slab made of non-combustible mineral wool | 120 kg/m ³ | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 55 | | | Slab made of non-combustible mineral wool | | A1 | Mass of organic content ≤ 4,3 % | | |
| 56 | Slab | TECH Slab MT 5.0 | Slab made of non-combustible mineral wool | 120 kg/m ³ | A1 | Mass of organic content ≤ 4,8 % | 13 | KB-Hoch-161020 |
| 57 | | | Slab made of non-combustible mineral wool | | A1 | Mass of organic content ≤ 4,3 % | | |
| 58 | Slab | SPH 135 | Slab made of non-combustible mineral wool | 135 kg/m ³ | A1 | - | 4 | 2013-1500-K1-1 |
| 59 | Slab | SPH 150 | Slab made of non-combustible mineral wool | 135 kg/m ³ | A1 | - | 4 | 2013-1500-K1-1 |
| 60 | Slab | Sillatherm T STH/T2 | Slab made of non-combustible mineral wool | 140 kg/m ³ - 210 kg/m ³ | A1 | - | 4 | 2013-1500-K1-1 |
| 61 | | | Slab made of non-combustible mineral wool | | A1 | - | 8 | KB-Hoch-120133 |



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|-----|------|-----------------------------|---|-----------------------------|----------------|-------|------------|-----------------------|
| | | Name | Description | Nominal density | Classification | Range | Fire Group | Classification report |
| 62 | Slab | Sillatherm T STH/TH2 | Slab made of non-combustible mineral wool | 140 kg/m ³ | A1 | - | 4 | 2013-1500-K1-1 |
| 63 | | | | 210 kg/m ³ | A1 | - | 8 | KB-Hoch-120133 |
| 64 | Slab | SP 150 | Slab made of non-combustible mineral wool | 150 kg/m ³ | A1 | - | 4 | 2013-1500-K1-1 |
| 65 | Slab | TECH Slab MT 6.0 | Slab made of non-combustible mineral wool | 150 kg/m ³ | A1 | - | 4 | 2013-1500-K1-1 |
| 66 | Slab | SPH 180 | Slab made of non-combustible mineral wool | 165 kg/m ³ | A1 | - | 4 | 2013-1500-K1-1 |
| 67 | | | | | A1 | - | 8 | KB-Hoch-120133 |
| 68 | Slab | SP 180 | Slab made of non-combustible mineral wool | 180 kg/m ³ | A1 | - | 4 | 2013-1500-K1-1 |
| 69 | | | | | A1 | - | 8 | KB-Hoch-120133 |
| 70 | Slab | TECH Slab HT 7.0 | Slab made of non-combustible mineral wool | 180 kg/m ³ | A1 | - | 4 | 2013-1500-K1-1 |
| 71 | | | | | A1 | - | 8 | KB-Hoch-120133 |

Detail information about the insulation products are given in the classification reports
 Gräfelfing 02.12.2020



Certification Body



Dipl.-Ing. Ralph Alberti