



INSTITUTE FOR TESTING AND CERTIFICATION, a.s.
třída Tomáše Bati 299, Louky, 763 02 Zlín, Czech Republic
Division CSI – Centre of Civil Engineering



Notified Body No. 1023

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1023-CPR-1336 P

Construction product: **Factory made mineral wool (MW) products ISOVER used for thermal insulation of building equipment and for industrial installations**

according to list given in the annex to the certificate

Placed on the market under the name or trade mark of: **Saint-Gobain Construction Products CZ, a.s.**
Smrčkova 2485/4, 180 00 Praha 8
Česká republika

Manufacturing plant: **Saint-Gobain Construction Products CZ a.s.**
Masarykova 197, 517 50 Častolovice
Česká republika

Relevant standard(s): **EN 14303:2009+A1:2013**

Certification report No.: **755200451 / 2023**

Certificate first issued on: **2023-08-04**

Notified Body No. 1023, in compliance with Regulation (EU) No 305/2011 (CPR), attests that:

- All provisions relating to the Assessment and Verification of Constancy of Performance (AVCP) described in Annex ZA of the above harmonized standard(s) under **AVCP System 1** have been applied.
- The factory production control conducted by the manufacturer has been assessed to ensure the constancy of performance of the construction product.

The assessment of performance of the construction product and findings from the initial inspection of the manufacturing plant and factory production control are summarized in the above mentioned Certification Report.

This certificate remains valid 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the Notified Body.

CE



Issued in Prague:

2023-12-21
Change a

Mgr. Jiří Heš *Jiří Heš*
Representative of Notified Body No. 1023



Annex to the Certificate of Constancy of Performance 1023-CPR-1336 P
The certificate covers the following products of
Saint-Gobain Construction Products CZ, a.s., Masarykova 197, 517 50 Častolovice
Page 1 of 6

Group	Trade mark	Thermal conductivity λ_D $Wm^{-1}K^{-1}$	Reaction to fire	Manufacturer's declared type code according to EN 14303	Product specification and purpose
45	Orstech 45 (TECH Slab 2.1)	Tab. 2	A1	MW-EN 14303-T4-ST(+) 400-WS1-CL10	plates for insulation of air ducts
	Orstech 45 NT (TECH Slab 2.1 V1)	Tab. 2	A1	MW-EN 14303-T4-ST(+) 400-WS1-CL10	non-woven coated plates for insulation of air ducts
	Orstech 45 ST (TECH Slab 2.1 G1)	Tab. 2	A1	MW-EN 14303-T4-ST(+) 400-WS1-CL10	non-woven coated plates for insulation of air ducts
	S50-U	Tab. 2	A1	MW-EN 14303-T4-ST(+) 400-WS1-CL10	plates - semi-finished product for further processing
	Orstech 45 H (TECH Slab 2.1 Alu2)	Tab. 2	A2	MW-EN 14303-T4-ST(+) 400-WS1-CL10	plates with a coating of reinforced aluminium foil intended for insulation of air ducts
55	Orstech LSP H (TECH Lamella Mat MT 2.2 Alu2)	Tab. 2	A2	MW-EN 14303-T4-ST(+) 600-WS1-CL10	slatted flexible strips bonded on reinforced aluminium foil for insulation of pipelines, air ducts and technological equipment
	Orstech LSP ST (TECH Lamella Mat MT 2.2 G2)	Tab. 2	A2	MW-EN 14303-T4-ST(+) 600-WS1-CL10	slatted flexible strips bonded to woven glass fabrics for insulation of pipelines, air ducts and technological equipment
	Orstech LSP PYRO (TECH Lamella Mat MT 2.3 Alu2)	Tab. 2	A2	MW-EN 14303-T4-ST(+) 600-WS1-CL10	slatted flexible strips bonded on reinforced aluminium foil designed for insulation of fire-resistant pipes, air ducts and technological equipment



Annex to the Certificate of Constancy of Performance 1023-CPR-1336 P
The certificate covers the following products of
Saint-Gobain Construction Products CZ, a.s., Masarykova 197, 517 50 Častolovice
Page 2 of 6

Group	Trade mark	Thermal conductivity λ_D $Wm^{-1}K^{-1}$	Reaction to fire	Manufacturer's declared type code according to EN 14303	Product specification and purpose
	Orstech LSP DR/L (TECH Lamella Mat MT 2.4 Alu2)	Tab. 2	A2	MW-EN 14303-T4-ST(+)+600-CS(10)10-WS1-CL10	slatted flexible strips bonded to reinforced aluminium foil with increased compressive strength for insulation of pipelines, air ducts and technological equipment
	Orstech LSP 40 (TECH Lamella Mat 2.1 Alu2)	Tab. 2	A2	MW-EN 14303-T4-ST(+)+250-WS1-CL10	slatted flexible strips bonded on reinforced aluminium foil for insulation of pipelines, air ducts and technological equipment
65	Orstech 65 (TECH Slab MT 3.1)	Tab. 2	A1	MW-EN 14303-T4-ST(+)+600-WS1-CL10	plates for insulation of air ducts and technological equipment
	Orstech 65 NT (TECH Slab MT 3.1 V1)	Tab. 2	A1	MW-EN 14303-T4-ST(+)+600-WS1-CL10	non-woven coated plates for insulation of air ducts and technological equipment
	Orstech Block 65	Tab. 2	A1	MW-EN 14303-T4-ST(+)+600-WS1-CL10	plates with greater thickness - semi-finished product for further processing
	Orstech DP 65 (TECH Wired Mat MT 3.1)	Tab. 2	A1	MW-EN 14303-T2-ST(+)+560-WS1-CL10	mats sewn with wire on wire mesh intended for insulation of pipelines and technological equipment
	Orstech DP 65 ALU (TECH Wired Mat 3.1 Alu1)	Tab. 2	A1	MW-EN 14303-T2-ST(+)+560-WS1-CL10	mats sewn by wire on wire mesh with aluminium foil inserted under the galvanised mesh for insulation of pipelines and technological equipment



Annex to the Certificate of Constancy of Performance 1023-CPR-1336 P
The certificate covers the following products of
Saint-Gobain Construction Products CZ, a.s., Masarykova 197, 517 50 Častolovice
 Page 3 of 6

Group	Trade mark	Thermal conductivity λ_D $Wm^{-1}K^{-1}$	Reaction to fire	Manufacturer's declared type code according to EN 14303	Product specification and purpose
	Orstech 65 H (TECH Slab MT 3.1 Alu2)	Tab. 2	A2	MW-EN 14303-T4-ST(+)-600-WS1-CL10	plates with a coating of reinforced aluminium foil intended for insulation of fire-resistant pipes, air ducts and technological equipment
80	Orstech 80 (TECH Slab MT 4.1)	Tab. 2	A1	MW-EN 14303-T4-ST(+)-640-WS1-CL10	plates intended for insulation of technological equipment
	Orstech 80 NT (TECH Slab MT 4.1 V1)	Tab. 2	A1	MW-EN 14303-T4-ST(+)-640-WS1-CL10	non-woven coated plates intended for insulation of technological equipment
	Orstech 90 (TECH Slab MT 4.1)	Tab. 2	A1	MW-EN 14303-T4-ST(+)-640-WS1-CL10	plates intended for insulation of technological equipment
	Orstech 90 NT (TECH Slab MT 4.1 V1)	Tab. 2	A1	MW-EN 14303-T4-ST(+)-640-WS1-CL10	non-woven coated plates intended for insulation of technological equipment
	Orstech Block 80	Tab. 2	A1	MW-EN 14303-T4-ST(+)-640-WS1-CL10	plates with greater thickness - semi-finished product for further processing
	Orstech Block 90	Tab. 2	A1	MW-EN 14303-T4-ST(+)-640-WS1-CL10	plates with greater thickness - semi-finished product for further processing
	Orstech DP 80 (TECH Wired Mat MT 4.1)	Tab. 2	A1	MW-EN 14303-T2-ST(+)-640-WS1-CL10	mats sewn with wire on wire mesh intended for insulation of pipelines and technological equipment
	Orstech DP 80 ALU (TECH Wired Mat MT 4.1 Alu1)	Tab. 2	A1	MW-EN 14303-T2-ST(+)-640-WS1-CL10	mats sewn by wire on wire mesh with aluminium foil inserted under the galvanised mesh for insulation of pipelines and technological equipment



Annex to the Certificate of Constancy of Performance 1023-CPR-1336 P
The certificate covers the following products of
Saint-Gobain Construction Products CZ, a.s., Masarykova 197, 517 50 Častolovice

Page 4 of 6

Group	Trade mark	Thermal conductivity λ_D $Wm^{-1}K^{-1}$	Reaction to fire	Manufacturer's declared type code according to EN 14303	Product specification and purpose
	Orstech 80 H (TECH Slab MT 4.1 Alu2)	Tab. 2	A2	MW-EN 14303-T4-ST(+) 640-WS1-CL10	plates with a coating of reinforced aluminium foil intended for insulation of air ducts and technological equipment
	Orstech 90 H (TECH Slab MT 4.1 Alu2)	Tab. 2	A2	MW-EN 14303-T4-ST(+) 640-WS1-CL10	plates with a coating of reinforced aluminium foil intended for insulation of air ducts and technological equipment
100	Orstech 100 (TECH Slab MT 5.1)	Tab. 2	A1	MW-EN 14303-T4-ST(+) 660-WS1-CL10	plates intended for insulation of air ducts and technological equipment
	Orstech 100 NT (TECH Slab MT 5.1 V1)	Tab. 2	A1	MW-EN 14303-T4-ST(+) 660-WS1-CL10	non-woven coated plates intended for insulation of air ducts and technological equipment
	Orstech Block 100	Tab. 2	A1	MW-EN 14303-T4-ST(+) 660-WS1-CL10	plates with greater thickness - semi-finished product for further processing
	Orstech Block 120	Tab. 2	A1	MW-EN 14303-T4-ST(+) 660-WS1-CL10	plates with greater thickness - semi-finished product for further processing
	S100-U	Tab. 2	A1	MW-EN 14303-T4-ST(+) 660-WS1-CL10	plates - semi-finished product for further processing
	Cleantec	Tab. 2	A1	MW-EN 14303-T4-ST(+) 660-WS1-CL10	plates intended for internal insulation of air ducts
	Orstech 110 (TECH Slab MT 5.1)	Tab. 2	A1	MW-EN 14303-T4-ST(+) 660-WS1-CL10	plates intended for insulation of technological equipment



Annex to the Certificate of Constancy of Performance 1023-CPR-1336 P
The certificate covers the following products of
Saint-Gobain Construction Products CZ, a.s., Masarykova 197, 517 50 Častolovice
Page 5 of 6

Group	Trade mark	Thermal conductivity λ_D $Wm^{-1}K^{-1}$	Reaction to fire	Manufacturer's declared type code according to EN 14303	Product specification and purpose
	Orstech 110 NT (TECH Slab MT 5.1 V1)	Tab. 2	A1	MW-EN 14303-T4-ST(+) 660-WS1-CL10	non-woven coated plates intended for insulation of technological equipment
	Orstech DP 100 (TECH Wired Mat MT 5.1)	Tab. 2	A1	MW-EN 14303-T2-ST(+) 660-WS1-CL10	mats sewn with wire on wire mesh intended for insulation of pipelines and technological equipment
	Orstech DP 100 ALU (TECH Wired Mat MT 5.1 Alu1)	Tab. 2	A1	MW-EN 14303-T2-ST(+) 660-WS1-CL10	mats sewn by wire on wire mesh with aluminium foil inserted under the galvanised mesh for insulation of pipelines and technological equipment
	Orstech 100 H (TECH Slab Mat MT 5.1 Alu2)	Tab. 2	A2	MW-EN 14303-T4-ST(+) 660-WS1-CL10	plates with a coating of reinforced aluminium foil intended for insulation of technological equipment
	Orstech 110 H (TECH Slab Mat MT 5.1 Alu2)	Tab. 2	A2	MW-EN 14303-T4-ST(+) 660-WS1-CL10	plates with a coating of reinforced aluminium foil intended for insulation of technological equipment
125	Isover Tank Roof Slab 50 kPa	Tab. 2	A1	MW-EN 14303-T5-ST(+) 700-CS(10)50--WS1-CL10	high bulk density plates for thermal, acoustic and fireproof insulation of flat roofs of tanks and for special technological applications
150	Isover FireProtect 150 (Isover Tank Roof Slab 20 kPa)	Tab. 2	A1	MW-EN 14303-T5-ST(+) 700-CS(10)20-WS1-CL10	plates intended for fire protection and technological equipment



Annex to the Certificate of Constancy of Performance 1023-CPR-1336 P
The certificate covers the following products of
Saint-Gobain Construction Products CZ, a.s., Masarykova 197, 517 50 Častolovice
Page 6 of 6

Group	Trade mark	Thermal conductivity λ_D $Wm^{-1}K^{-1}$	Reaction to fire	Manufacturer's declared type code according to EN 14303	Product specification and purpose
	Isover FireProtect 150 F	Tab. 2	A1	MW-EN 14303-T5-ST(+)-700-CS(10)20-WS1-CL10	non-woven coated plates for fire protection and technological equipment
	Orstech Block 150	Tab. 2	A1	MW-EN 14303-T4-ST(+)-700-WS1-CL10	plates with greater thickness - semi-finished product for further processing
190	Isover Tank Roof Slab 80 kPa	Tab. 2	A1	MW-EN 14303-T5-ST(+)-720-CS(10)80-WS1-CL10	plates - material for fire protection and for use as a thermal insulation layer on the roofs of storage tanks
	Isover Tank Roof Slab 100 kPa			MW-EN 14303-T5-ST(+)-720-CS(10)100-WS1-CL10	

Product group	Thermal dependence of thermal conductivity λ_D ($W \cdot m^{-1} \cdot K^{-1}$)											
	Temperature ($^{\circ}C$)											
	50	100	150	200	250	300	400	500	600	650	700	720
45	0,042	0,053	0,066	0,082	0,100	0,124	0,170	-	-	-	-	-
55	0,046	0,056	0,069	0,084	0,103	0,125	0,180	0,251	0,340	-	-	-
65	0,041	0,048	0,058	0,068	0,081	0,097	0,134	0,183	0,248	-	-	-
80	0,041	0,047	0,055	0,065	0,076	0,089	0,118	0,155	0,201	0,225	-	-
100	0,041	0,047	0,054	0,063	0,073	0,084	0,110	0,143	0,182	0,204	-	-
125	0,043	0,048	0,055	0,063	0,073	0,084	0,110	0,143	0,182	0,204	0,227	-
150	0,041	0,047	0,053	0,060	0,068	0,077	0,098	0,123	0,154	0,172	0,192	-
190	0,044	0,049	0,054	0,061	0,068	0,076	0,096	0,119	0,146	0,161	0,177	0,183



Mgr. Jiří Heš 
Representative of Notified Body No. 1023