ZÚS®
TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Technical and Test Institute for Construction Prague
Akreditovaná zkušební laboratoř, Autorizovaná osoba, Notifikovaná osoba, Oznámený subjekt, Subjekt pro technické posuzování, Certifikační orgán, Inspekční orgán / Accredited Testing Laboratory, Authorized Body, Notified Body, Technical Assessment Body, Certification Body, Inspection Body. Prosecká 811/76a, 190 00 Praha 9 - Prosek, Czech Republic

Notified Body 1020

CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

No. 1020 – CPR – 070045326

In compliance with Regulation (EU) No 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:

Metal chimney systems, metal rigid flue liners, accessories and fittings operating in negative and positive pressure, intended for discharging of exhaust gases to the atmosphere

Chimney system with insulation ERS-Al type DW T400-N1-W-V2-L50(040÷200)-O120 Outer Al
Chimney system with insulation ERS-304 type DW T400-N1-W-V2-L50(040÷200)-O120 Outer 304
Chimney system with insulation ERS-430 type DW T400-N1-W-V2-L50(040÷200)-O120 Outer 430
Chimney system ERS type SW T400-N1-W-V2-L50(040÷200)-O300
Chimney system ERS P type SW T250-P1-W-V2-L50(040÷200)-O150
Chimney system with insulation ERS-Al P type DW T250-P1-W-V2-L50(040÷200)-O120 Outer Al
Chimney system with insulation ERS-304 P type DW T250-P1-W-V2-L50(040÷200)-O120 Outer 304
Chimney system with insulation ERS-430 P type DW T250-P1-W-V2-L50(040÷200)-O120 Outer 430
Chimney system with insulation ERS-DW type DW T200-N1-W-V2-L50(050÷200)-O150
Chimney system ERS-SW type SW T400-N1-W-V2-L50(050÷200)-O300
Chimney system ERS-SW P type SW T200-P1-W-V2-L50(050÷200)-O150

placed on the market under the name or trade mark of

ERASLANLAR İNŞAAT SAN. VE TİC. LTD. ŞTİ.
Organize Sanayi Bölgesi Aşık Paşa Caddesi No: 13 KIRŞEHİR / TURKEY

and produced in the manufacturing plant

ERASLANLAR İNŞAAT SAN. VE TİC. LTD. ŞTİ.
Organize Sanayi Bölgesi Aşık Paşa Caddesi No: 13 KIRŞEHİR / TURKEY

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

EN 1856-1:2009
EN 1856-2:2009

under system 2+ are applied and that

the factory production control is assessed to be in conformity with the applicable requirements.

This certificate was first issued on 10 May 2013 under CPD and will remain 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 factory production control certification body.
This certificate includes eleven annexes (11 pages) which are integral parts of the certificate.

The stamp of the Notified Body 1020

TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p. Oznámený subjekt ZÚS 1020

Ostrava, 15 January, 2018

Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

ZÚS®

Certificate 1020-CPR-070045326
Annex No.1

Technical description: Metal insulated negative pressure chimneys ERS-Al

Nominal diameter of flue liner [mm]	100, 130, 150, 160, 180, 200, 225, 250, 280, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1050, 1100, 1150, 1200
Thickness of insulation	30 ÷ 50 mm
Grade of material	Flue liner - steel grade 1.4404, Outer wall – Aluminium, thickness min. 0,60 mm
Thickness of flue liner	from 0,40 mm to 2,00 mm
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels
Pressure level	Negative pressure - pressure level: N1
Temperature class	400°C (T400)
Condensate resistance	working wet – W
Distance to combustible material	min. 120 mm
Thermal resistance	Technical documentation of producer - Technical File Part 5
Corrosion resistance	V2
Sootfire resistance	O – not resistant

Example of labeling for all chimney sections and fittings - Insulated metal negative pressure chimneys acc. EN 1856-1:2009 and EN 1856-2:2009

Type: DW T400-N1-W-V2-L50(040÷200)-O120 Outer Al

EN 1856-1/2 T400 N1 W V2 L50xxx O120

Standard number
Temperature level (°C)
Pressure level (negative pressure)
Condensate resistance (W: wet)
Corrosion resistance (V2 - corrosion test acc. to EN 1856, chapt. A.2)
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷2,00 mm)
Sootfire resistance (O: not resistant), distance to combustible material: min.120 mm

The stamp of the Notified Body 1020

TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Oznámený subjekt
ZÚS
1020

Ostrava, 15 January, 2018

Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

Certificate 1020-CPR-070045326
Annex No.2

Technical description: Metal insulated negative pressure chimneys ERS-304

Nominal diameter of flue liner [mm]	100	130	150	160	180	200	225	250	280	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200

Thickness of insulation	30 ÷ 50 mm
Grade of material	Flue liner - steel grade 1.4404, Outer wall – steel grade 1.4301, thickness min. 0,50 mm
Thickness of flue liner	from 0,40 mm to 2,00 mm
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels
Pressure level	Negative pressure - pressure level: N1
Temperature class	400°C (T400)
Condensate resistance	working wet – W
Distance to combustible material	min. 120 mm
Thermal resistance	Technical documentation of producer - Technical File Part 5
Corrosion resistance	V2
Sootfire resistance	O – not resistant

Example of labeling for all chimney sections and fittings - Insulated metal negative pressure chimneys acc. EN 1856-1:2009 and EN 1856-2:2009

Type: DW T400-N1-W-V2-L50(040÷200)-O120 Outer 304

EN 1856-1/2 T400 N1 W V2 L50xxx O120

Standard number
Temperature level (°C)
Pressure level (negative pressure)
Condensate resistance (W: wet)
Corrosion resistance (V2 - corrosion test acc. to EN 1856, chapt. A.2)
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷2,00 mm)
Sootfire resistance (O: not resistant), distance to combustible material: min.120 mm

The stamp of the Notified Body 1020

TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Oznámený subjekt
ZÚS
1020

Ostrava, 15 January, 2018

Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

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Certificate 1020-CPR-070045326
Annex No.3

Technical description: Metal insulated negative pressure chimneys ERS-430

<table>
<tr><td>Nominal diameter of flue liner [mm]</td><td>100</td><td>130</td><td>150</td><td>160</td><td>180</td><td>200</td><td>225</td><td>250</td><td>280</td><td>300</td><td>350</td><td>400</td><td>450</td><td>500</td><td>550</td><td>600</td><td>650</td><td>700</td><td>750</td><td>800</td><td>850</td><td>900</td><td>950</td><td>1000</td><td>1050</td><td>1100</td><td>1150</td><td>1200</td></tr>
<tr><td>Thickness of insulation</td><td colspan="28">30 ÷ 50 mm</td></tr>
<tr><td>Grade of material</td><td colspan="28">Flue liner - steel grade 1.4404, Outer wall – steel grade 1.4016, thickness min. 0,50 mm</td></tr>
<tr><td>Thickness of flue liner</td><td colspan="28">from 0,40 mm to 2,00 mm</td></tr>
<tr><td>Purpose</td><td colspan="28">Drain of combustion products of gas, of oil, of wood, of energy solid fuels</td></tr>
<tr><td>Pressure level</td><td colspan="28">Negative pressure - pressure level: N1</td></tr>
<tr><td>Temperature class</td><td colspan="28">400°C (T400)</td></tr>
<tr><td>Condensate resistance</td><td colspan="28">working wet – W</td></tr>
<tr><td>Distance to combustible material</td><td colspan="28">min. 120 mm</td></tr>
<tr><td>Thermal resistance</td><td colspan="28">Technical documentation of producer - Technical File Part 5</td></tr>
<tr><td>Corrosion resistance</td><td colspan="28">V2</td></tr>
<tr><td>Sootfire resistance</td><td colspan="28">O – not resistant</td></tr>
</table>

Example of labeling for all chimney sections and fittings - Insulated metal negative pressure chimneys acc. EN 1856-1:2009 and EN 1856-2:2009

Type: DW T400-N1-W-V2-L50(040÷200)-O120 Outer 430

EN 1856-1/2 T400 N1 W V2 L50xxx O120

Standard number
Temperature level (°C)
Pressure level (negative pressure)
Condensate resistance (W: wet)
Corrosion resistance (V2 - corrosion test acc. to EN 1856, chapt. A.2)
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷2,00 mm)
Sootfire resistance (O: not resistant), distance to combustible material: min.120 mm

The stamp of the Notified Body 1020

TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p. Oznámený subjekt ZÚS 1020

Ostrava, 15 January, 2018

Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

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Certificate 1020-CPR-070045326
Annex No.4

Technical description: Metal negative pressure chimneys ERS

Nominal diameter of flue liner [mm]	100	130	150	160	180	200	225	250	280	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
Thickness of insulation	---																											
Grade of material	Flue liner - steel grade 1.4404																											
Thickness of flue liner	from 0,40 mm to 2,00 mm																											
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels																											
Pressure level	Negative pressure - pressure level: N1																											
Temperature class	400°C (T400)																											
Condensate resistance	working wet – W																											
Distance to combustible material	min. 300 mm																											
Thermal resistance	Technical documentation of producer - Technical File Part 5																											
Corrosion resistance	V2																											
Sootfire resistance	O – not resistant																											

Example of labeling for all chimney sections and fittings - Metal negative pressure chimneys acc. EN 1856-1:2009 and EN 1856-2:2009

Type: SW T400-N1-W-V2-L50(040÷200)-O300

EN 1856-1/2 T400 N1 W V2 L50xxx O300

Standard number

Temperature level (°C)

Pressure level (negative pressure)

Condensate resistance (W: wet)

Corrosion resistance (V2 - corrosion test acc. to EN 1856, chapt. A.2)

Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷2,00 mm)

Sootfire resistance (O: not resistant), distance to combustible material: min.300 mm

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TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Oznámený subjekt
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1020

Ostrava, 15 January, 2018

Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

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Certificate 1020-CPR-070045326
Annex No.5

Technical description: Metal positive pressure chimneys ERS P

Nominal diameter of flue liner [mm]	100	130	150	160	180	200	225	250	280	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
Thickness of insulation	---																											
Grade of material	Flue liner - steel grade 1.4404																											
Thickness of flue liner	from 0,40 mm to 2,00 mm																											
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels																											
Pressure level	Positive pressure - pressure level: P1																											
Temperature class	250°C (T250)																											
Condensate resistance	working wet – W																											
Distance to combustible material	min. 150 mm																											
Thermal resistance	Technical documentation of producer - Technical File Part 5																											
Corrosion resistance	V2																											
Sootfire resistance	O – not resistant																											

Example of labeling for all chimney sections and fittings - Metal positive pressure chimneys acc. EN 1856-1:2009 and EN 1856-2:2009

Type: SW T250-P1-W-V2-L50(040÷200)-O150

EN 1856-1/2 T250 P1 W V2 L50xxx O150

- *Standard number*
- *Temperature level (°C)*
- *Pressure level (positive pressure P1)*
- *Condensate resistance (W: wet)*
- *Corrosion resistance (V2 - corrosion test acc. to EN 1856, chapt. A.2)*
- *Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷2,00 mm)*
- *Sootfire resistance (O: not resistant), distance to combustible material: min.150 mm*

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Ostrava, 15 January, 2018

Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

Certificate 1020-CPR-070045326
Annex No.6

Technical description: Metal insulated positive pressure chimneys ERS-Al P

Nominal diameter of flue liner [mm]	100	130	150	160	180	200	225	250	280	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
Thickness of insulation	30 ÷ 50 mm																											
Grade of material	Flue liner - steel grade 1.4404, Outer wall – Aluminium, thickness min. 0,60 mm																											
Thickness of flue liner	from 0,40 mm to 2,00 mm																											
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels																											
Pressure level	Positive pressure - pressure level: P1																											
Temperature class	250°C (T250)																											
Condensate resistance	working wet – W																											
Distance to combustible material	min. 120 mm																											
Thermal resistance	Technical documentation of producer - Technical File Part 5																											
Corrosion resistance	V2																											
Sootfire resistance	O – not resistant																											

Example of labeling for all chimney sections and fittings - Insulated metal positive pressure chimneys acc. EN 1856-1:2009 and EN 1856-2:2009

Type: DW T250-P1-W-V2-L50(040÷200)-O120 Outer Al

EN 1856-1/2 T250 P1 W V2 L50xxx O120

Standard number
Temperature level (°C)
Pressure level (positive pressure P1)
Condensate resistance (W: wet)
Corrosion resistance (V2 - corrosion test acc. to EN 1856, chapt. A.2)
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷2,00 mm)
Sootfire resistance (O: not resistant), distance to combustible material: min.120 mm

The stamp of the Notified Body 1020

TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p. Oznámený subjekt ZÚS 1020

Ostrava, 15 January, 2018

Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

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Certificate 1020-CPR-070045326
Annex No.7

Technical description: Metal insulated positive pressure chimneys ERS-304 P

Nominal diameter of flue liner [mm]	100, 130, 150, 160, 180, 200, 225, 250, 280, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1050, 1100, 1150, 1200
Thickness of insulation	30 ÷ 50 mm
Grade of material	Flue liner - steel grade 1.4404, Outer wall – steel grade 1.4301, thickness min. 0,50 mm
Thickness of flue liner	from 0,40 mm to 2,00 mm
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels
Pressure level	Positive pressure - pressure level: P1
Temperature class	250°C (T250)
Condensate resistance	working wet – W
Distance to combustible material	min. 120 mm
Thermal resistance	Technical documentation of producer - Technical File Part 5
Corrosion resistance	V2
Sootfire resistance	O – not resistant

Example of labeling for all chimney sections and fittings - Insulated metal positive pressure chimneys acc. EN 1856-1:2009 and EN 1856-2:2009

Type: DW T250-P1-W-V2-L50(040÷200)-O120 Outer 304

EN 1856-1/2 T250 P1 W V2 L50xxx O120

Standard number
Temperature level (°C)
Pressure level (positive pressure P1)
Condensate resistance (W: wet)
Corrosion resistance (V2 - corrosion test acc. to EN 1856, chapt. A.2)
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷2,00 mm)
Sootfire resistance (O: not resistant), distance to combustible material: min.120 mm

The stamp of the Notified Body 1020

Ostrava, 15 January, 2018

Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

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Certificate 1020-CPR-070045326
Annex No.8

Technical description: Metal insulated positive pressure chimneys ERS-430 P

Nominal diameter of flue liner [mm]	100 130 150 160 180 200 225 250 280 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000 1050 1100 1150 1200
Thickness of insulation	30 ÷ 50 mm
Grade of material	Flue liner - steel grade 1.4404, Outer wall – steel grade 1.4016, thickness min. 0,50 mm
Thickness of flue liner	from 0,40 mm to 2,00 mm
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels
Pressure level	Positive pressure - pressure level: P1
Temperature class	250°C (T250)
Condensate resistance	working wet – W
Distance to combustible material	min. 120 mm
Thermal resistance	Technical documentation of producer - Technical File Part 5
Corrosion resistance	V2
Sootfire resistance	O – not resistant

Example of labeling for all chimney sections and fittings - Insulated metal positive pressure chimneys acc. EN 1856-1:2009 and EN 1856-2:2009

Type: DW T250-P1-W-V2-L50(040÷200)-O120 Outer 430

EN 1856-1/2 T250 P1 W V2 L50xxx O120

- *Standard number* (EN 1856-1/2)
- *Temperature level (°C)* (T250)
- *Pressure level (positive pressure P1)* (P1)
- *Condensate resistance (W: wet)* (W)
- *Corrosion resistance (V2 - corrosion test acc. to EN 1856, chapt. A.2)* (V2)
- *Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷2,00 mm)* (L50xxx)
- *Sootfire resistance (O: not resistant), distance to combustible material: min.120 mm* (O120)

The stamp of the Notified Body 1020

TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p. Oznámený subjekt ZÚS 1020

Ostrava, 15 January, 2018

Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

Certificate 1020-CPR-070045326
Annex No.9

Technical description: Metal insulated negative pressure chimneys ERS-DW

<table>
<tr><td>Nominal diameter of flue liner [mm]</td><td>100</td><td>130</td><td>150</td><td>160</td><td>180</td><td>200</td><td>225</td><td>250</td><td>280</td><td>300</td><td>350</td><td>400</td><td>450</td><td>500</td><td>550</td><td>600</td><td>650</td><td>700</td><td>750</td><td>800</td><td>850</td><td>900</td><td>950</td><td>1000</td><td>1050</td><td>1100</td><td>1150</td><td>1200</td></tr>
<tr><td>Thickness of insulation</td><td colspan="28">30 ÷ 50 mm</td></tr>
<tr><td>Grade of material</td><td colspan="28">Flue liner - steel grade 1.4404, Outer wall - Aluminium, thickness min. 0,60 mm</td></tr>
<tr><td>Thickness of flue liner</td><td colspan="28">from 0,50 mm to 2,00 mm</td></tr>
<tr><td>Purpose</td><td colspan="28">Drain of combustion products of gas, of oil, of wood, of energy solid fuels</td></tr>
<tr><td>Pressure level</td><td colspan="28">Negative pressure - pressure level: N1</td></tr>
<tr><td>Temperature class</td><td colspan="28">200°C (T200)</td></tr>
<tr><td>Condensate resistance</td><td colspan="28">working wet – W</td></tr>
<tr><td>Distance to combustible material</td><td colspan="28">min. 150 mm</td></tr>
<tr><td>Thermal resistance</td><td colspan="28">Technical documentation of producer - Technical File Part 5</td></tr>
<tr><td>Corrosion resistance</td><td colspan="28">V2</td></tr>
<tr><td>Sootfire resistance</td><td colspan="28">O – not resistant</td></tr>
</table>

Example of labeling for all chimney sections and fittings - Insulated metal negative pressure chimneys acc. EN 1856-1:2009 and EN 1856-2:2009

Type: DW T200-N1-W-V2-L50(050÷200)-O150

EN 1856-1/2 T200 N1 W V2 L50xxx O150

Standard number
Temperature level (°C)
Pressure level (negative pressure)
Condensate resistance (W: wet)
Corrosion resistance (V2 - corrosion test acc. to EN 1856, chapt. A.2)
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,50÷2,00 mm)
Sootfire resistance (O: not resistant), distance to combustible material: min.150 mm

The stamp of the Notified Body 1020

Ostrava, 15 January, 2018

Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

Certificate 1020-CPR-070045326
Annex No.10

Technical description: Metal negative pressure chimneys ERS-SW

<table>
<tr><td>Nominal diameter of flue liner [mm]</td><td>100</td><td>130</td><td>150</td><td>160</td><td>180</td><td>200</td><td>225</td><td>250</td><td>280</td><td>300</td><td>350</td><td>400</td><td>450</td><td>500</td><td>550</td><td>600</td><td>650</td><td>700</td><td>750</td><td></td><td>800</td><td>850</td><td></td><td>900</td><td>950</td><td>1000</td><td>1050</td><td>1100</td><td>1150</td><td>1200</td></tr>
<tr><td>Thickness of insulation</td><td></td><td></td><td colspan="28">---</td></tr>
<tr><td>Grade of material</td><td></td><td></td><td colspan="28">Flue liner - steel grade 1.4404</td></tr>
<tr><td>Thickness of flue liner</td><td></td><td></td><td colspan="28">from 0,50 mm to 2,00 mm</td></tr>
<tr><td>Purpose</td><td></td><td></td><td colspan="28">Drain of combustion products of gas, of oil, of wood, of energy solid fuels</td></tr>
<tr><td>Pressure level</td><td></td><td></td><td colspan="28">Negative pressure - pressure level: N1</td></tr>
<tr><td>Temperature class</td><td></td><td></td><td colspan="28">400°C (T400)</td></tr>
<tr><td>Condensate resistance</td><td></td><td></td><td colspan="28">working wet – W</td></tr>
<tr><td>Distance to combustible material</td><td></td><td></td><td colspan="28">min. 300 mm</td></tr>
<tr><td>Thermal resistance</td><td></td><td></td><td colspan="28">Technical documentation of producer - Technical File Part 5</td></tr>
<tr><td>Corrosion resistance</td><td></td><td></td><td colspan="28">V2</td></tr>
<tr><td>Sootfire resistance</td><td></td><td></td><td colspan="28">O – not resistant</td></tr>
</table>

Example of labeling for all chimney sections and fittings - Metal negative pressure chimneys acc. EN 1856-1:2009 and EN 1856-2:2009

Type: SW T400-N1-W-V2-L50(050÷200)-O300

EN 1856-1/2 T400 N1 W V2 L50xxx O300

Standard number
Temperature level (°C)
Pressure level (negative pressure)
Condensate resistance (W: wet)
Corrosion resistance (V2 - corrosion test acc. to EN 1856, chapt. A.2)
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,50÷2,00 mm)
Sootfire resistance (O: not resistant), distance to combustible material: min.300 mm

The stamp of the Notified Body 1020

TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p. Oznámený subjekt ZÚS 1020

Ostrava, 15 January, 2018

Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

ZÚS®

Certificate 1020-CPR-070045326
Annex No.11

Technical description: Metal positive pressure chimneys ERS-SW P

Nominal diameter of flue liner [mm]	100	130	150	160	180	200	225	250	280	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
Thickness of insulation	---																											
Grade of material	Flue liner - steel grade 1.4404																											
Thickness of flue liner	from 0,50 mm to 2,00 mm																											
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels																											
Pressure level	Positive pressure - pressure level: P1																											
Temperature class	200°C (T200)																											
Condensate resistance	working wet – W																											
Distance to combustible material	min. 150 mm																											
Thermal resistance	Technical documentation of producer - Technical File Part 5																											
Corrosion resistance	V2																											
Sootfire resistance	O – not resistant																											

Example of labeling for all chimney sections and fittings - Metal positive pressure chimneys acc. EN 1856-1:2009 and EN 1856-2:2009

Type: SW T200-P1-W-V2-L50(050÷200)-O150

EN 1856-1/2 T200 P1 W Vm L50xxx O150

Standard number
Temperature level (°C)
Pressure level (positive pressure P1)
Condensate resistance (W: wet)
Corrosion resistance (V2 - corrosion test acc. to EN 1856, chapt. A.2)
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,50÷2,00 mm)
Sootfire resistance (O: not resistant), distance to combustible material: min.150 mm

The stamp of the Notified Body 1020

TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Oznámený subjekt
ZÚS
1020

Ostrava, 15 January, 2018

Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body