

SIA "Akvilon"
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DECLARATION OF PERFORMANCE

No. 001-CPR-31-01-2023

1. Unique identification code of the product-type: **Stainless steel insulated system chimney elements IZOKOMPAKT 450**
2. Intended use/es: **To remove combustion products from heating appliances to atmosphere.**
3. Manufacturer: **SIA „Akvilon” Reg.Nr. 50003057361, Rīga, Mazā Rencēnu street 6, LV-1073**
4. Authorised representative: **None**
5. Systems of AVCP: **SYSTEM 2+**
6. Standard Number: **EN 1856-1:2009**

Notified body/ies: AS „Inspecta Latvia”, NB 1325 (1325-CPR-3413)

7. Declared performance/s:

Product marking in accordance with the norm EN 1856-1:2009

IZOKOMPAKT 200 plus DN(80-800) EN 1856-1 – T200 – P1 – W –Vm-L50050 – O(00)
IZOKOMPAKT 200 DN(80-800) EN 1856-1 – T200 – P1 – W –Vm-L20050 – O(00)
IZOKOMPAKT 450 DN(80-130) EN 1856-1 – T450 – N1 – D –Vm-L20050 –G(100)
IZOKOMPAKT 450 DN(150-800) EN 1856-1 – T450 – N1 – D –Vm-L20060 –G(100)
IZOKOMPAKT 450 plus DN(80-130) EN 1856-1 – T450 – N1 – D –Vm-L50050 –G(100)
IZOKOMPAKT 450 plus DN(150-800)EN 1856-1 – T450 – N1 – D –Vm-L50060 –G(100)
IZOKOMPAKT 600 DN(80-130) EN 1856-1 – T600– N1 – D –Vm-L20050 – G(100)
IZOKOMPAKT 600 DN(150-800) EN 1856-1 – T600– N1 – D –Vm-L20050 –G(100)
IZOKOMPAKT 600 plus DN(80-130) EN 1856-1 – T600 – N1 – D –Vm-L50050 –G(100)
IZOKOMPAKT 600 plus DN(80-800) EN 1856-1 – T600 – N1 – D –Vm-L50060 –G(100)

IZOKOMPAKT NORDIC PIPE 450

DN(100-300) EN 1856-1 – T450 – N1 – D –Vm-L20060 –G(100)

IZOKOMPAKT NORDIC PIPE450 plus

DN(100-300) EN 1856-1 – T450 – N1 – D –Vm-L50060 –G(100)

IZOKOMPAKT NORDIC PIPE 600

DN(100-300) EN 1856-1 – T600 – N1 – D –Vm-L20060 –G(100)

IZOKOMPAKT NORDIC PIPE600 plus

DN(100-300) EN 1856-1 – T600 – N1 – D –Vm-L50060 –G(100)

- temperature rating	_____
- pressure rating	_____
W (wet)	
- condensate resistance	_____
D (dry)	
- corrosion resistance	_____
- Liner material	_____
- soot fire resistance (G yes or O no)	_____
- distance from combustible material, mm	_____

8. Declaration of conformity and product description

Chimney properties and maintenance parameters	Standard EN1856-1	Value/Levels	Type of test
Nominal dimensions, mm	4. article	DN 80÷800mm	Manufacturer's notification
Mark of internal case material, nominal thickness	4. article 5. article 6.5.2 article	EN 1.4301, EN 1.4404 0,5mm(20050;50050) 0,6mm(20060;50060) 0,7mm(20070;50070) 0,8mm(20080;50080) 1,0mm(20100;50100)	Manufacturer's notification
Mark of external case material, nominal thickness	4. article 5. article 6.5.2 article	EN 1.4301, EN 1.4016, EN 1.4404 0,5-0,7mm, galvanized sheet 0,5mm, painted galvanized sheet 0,5mm.	Manufacturer's notification
Insulation material	7.2 article	Stone wool, thickness 50mm	Manufacturer's notification
Mechanical resistance and stability	6.1 article	Maximum accessible height 20 meters Ø200mm	Test report Nr. 451
Installation of non-vertical element	6.1.3.1 article	Non-vertical element need to be supported with wall support	Manufacturer's notification
Gas resistance	6.3 article	Pressure rating N1, P1	Test report Nr. Chimney Lab-053
Distance from combustible material	6.2 article	T450, T600=100mm T200=0mm	Test report Nr. Chimney Lab-053
Random interaction	6.4.2 article	Protection is needed where communication is possible	Manufacturer's notification
Thermal resistance at 450°C	6.4.3 article	0,033 Ψ Ø200	Test report Nr. Chimney Lab-052
Thermal shock resistance	6.4.3 article	Yes	Test report Nr. Chimney Lab-053
Condensate resistance	6.4.4 article	D, W	Test report Nr. Chimney Lab-053
Corrosion resistance	6.5.1 article	Vm	Manufacturer's Notification
Harmful substances	7.2 article	No	Manufacturer's notification
Typical installation schemes	7.2 article	See instruction	Manufacturer's notification
Detail banding methods	7.2 article	See instruction	Manufacturer's notification
Storage	7.2 article	See instruction	Manufacturer's notification
Inspection	7.2 article	No chemical cleaners. Use polypropylene brushes.	Manufacturer's notification

The performance of the product identified above is in conformity with the set of declared performance's. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Aleksejs Markins, member of the board
Rīga, Latvia 31th January 2023

