

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

**0809-CPR-1182**

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

### **Natural smoke and heat exhaust ventilators**

which are wall mounted, outward opening, bottom hung windows with aluminium profiles and electrically operated chain actuator, specified on page 2

placed on the market under the name or trade mark of

**Tikli Group Oy**

Yhdystie 40  
FI-62800 VIMPELI

and produced in the manufacturing plant

**Tikli Group Oy**

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FI-62800 VIMPELI

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

**EN 12101-2:2003**

under system 1 for the performances 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 May 18, 2016 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The validity of the certificate may be confirmed at the web address [www.sertifikaattihaku.fi](http://www.sertifikaattihaku.fi).

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	Actuator		
Characteristic	Roca SuperMaster	JIS-ACT-CM-1200-24-500 <sup>3)</sup>	JIS-ACT-CM-1200-24-500 <sup>3)</sup>
	Bottom hung window - maximum weight: 58 kg - width x height max: 1,7 m x 1,0 m	Bottom hung window <sup>3)</sup> - max. weight ≤ 63 kg - width x height max. 1,4 m x 1,4 m	Bottom hung window <sup>3)</sup> - max. weight ≤ 106 kg - width x height max. 2,4 m x 1,4 m
Aerodynamic free area	1), 2)	$C_v = 0,55$ <sup>2)</sup>	$C_v = 0,51$ <sup>2)</sup>
Reliability	Re 100	Re 1000 (type B)	Re 1000 (type B)
Snow load	SL 0	SL 0	SL 0
Low ambient temperature	T (00)	T (-20)	T (-20)
Wind load	WL 3000	WL 1500	WL 1500
Resistance to heat	B 300	B 300	B 300
Reaction to fire of the components	A1, NPD	A1, NPD	A1, NPD

1) Aerodynamic free area in the fire position is calculated according to the instructions based on ITT tests.

2)  $A_a$  is stated in the declaration of performance.

3) Hatch is equipped with either one or two electric actuator JIS-ACT-CM-300-24-500 – JIS-ACT-CM-1200-24-500, depending on the size. Frame is manufactured of Purso LK78 profiles.