

Certificate of constancy of performance

0336 – CPR – 24091656 - 004

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(s)

Natural smoke and heat exhaust ventilator with intended use to be installed as a component of natural smoke and heat exhaust system

Specified by the commercial name(s)

EXUPLUS

**Energ(y)(ies) :
PNEU / ELEC**

placed on the market under the name or trade mark

BLUETEK

Siège social : ZI Nord les Pins – 37230 Luynes

and produced in the manufacturing plant(s)

SIH : Le Haras – 57430 Sarralbe

SODILIGHT : Route de Saulon – 21220 Gevrey-Chambertin

HEXADOME : Rue Marc Seguin - 63600 Ambert

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

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 22nd October 2009 under the Construction Products Directive 89/106/EEC (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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

TÜV Rheinland Nederland BV
Westervoortsedijk 73, gebouw SB
NL – 6827 AV Arnhem
The Netherlands

Arnhem, 3rd March 2017



C.C.M. van Houten, Operational Manager

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Annex 1
Natural smoke and heat exhaust ventilator

Commercial name :
EXUPLUS

Energ(y)(ies) :
PNEU / ELEC

Field of Application		
Energy	PNEUMATIC	ELECTRIC
Identification of product(s) certified (reference)	Exuplus PNEU	Exuplus ELEC
La min (mm)	1460	1460
La max (mm)	3000	3000
Lo min (mm)	1000	1000
Lo max (mm)	3120	3120
Opening angle (°)	90	90
Opening type	Type B	Type B
Declared Values		
Filling (reaction to fire)	PCA 10 to 20mm (B-s1, d0) PCA 16 to 20mm Pearl inside (B-s1, d0) PCA 32mm (B-s2, d0)	PCA 10 to 20mm (B-s1, d0) PCA 16 to 20mm Pearl inside (B-s1, d0) PCA 32mm (B-s2, d0)
Aerodynamic free area	See aerodynamics report: 1368-CPD-T-038 / 2009-B 1368-CPD-T-198/2011-B, 1368-CPD-T-059/2016-B	See aerodynamics report: 1368-CPD-T-038 / 2009-B 1368-CPD-T-198/2011-B, 1368-CPD-T-059/2016-B
Reliability	Re 1000	Re 1000
Dual function for ventilation	Re 10.000 - partial opening (stroke cylinder aeration of 300 or 500mm, electrical or pneumatical, all infill) - total opening (if LA ≤ 2000)	Re 10.000 - partial opening - total opening (if LA ≤ 2000)
Opening under load	SL 250 SL 500 SL 550 SL 750 SL 1000	SL 250 SL 500 SL 550 SL 750 SL 1000
Low ambient temperature	T(-15)	T(-15) T(-25)
Wind load	WL 1500	WL 1500
	Resistance to wind induced vibration satisfactory with deflectors made of galvanized sheet	
Resistance to heat	B300	B300

- end of certificate -

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