

Certificate of constancy of performance

0336 – CPR – 24091656 - 006

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)

BLUESTEEL (THERM) / BLUECOIF (THERM) / BLUEBAC (THERM)

Energ(y)(ies):

PNEU + ACCES / TREUIL + ACCES / ELEC + ACCES

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)

HEXADOME: ZI Nord les Pins – 37230 Luynes / Rue Marc Sequin – 63600 Ambert

SIH: Le Haras – 57430 Sarralbe

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 15th November 2006 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 25th April 2018

H. van Ginkel, Local Stream Manager

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Annex 1
Natural smoke and heat exhaust ventilator

Commercial name :
BLUESTEEL (THERM) / BLUECOIF (THERM) / BLUEBAC (THERM)

Energ(y)(ies):
PNEU + ACCES / TREUIL + ACCES / ELEC + ACCES

Field of Application			
Energy	PNEUMATIC	MECHANICAL	ELECTRIC
Identification of product(s) certified (reference)	Bluesteel (Therm) -; Bluecoif (Therm) -; Bluebac (Therm) -; -PNEU + ACCES	Bluesteel (Therm) -; Bluecoif (Therm) -; Bluebac (Therm) -; -TREUIL + ACCES	Bluesteel (Therm) -; Bluecoif (Therm) -; Bluebac (Therm) -; -ELEC + ACCES
La min (mm)	1000	900	1000
La max (mm)	1200	1200	1200
Lo min (mm)	1000	900	1000
Lo max (mm)	1200	1200	1200
Opening angle (°)	140	140	120
Opening type	Type B	Type B	Type B
Declared Values			
Filling (reaction to fire)	PCA 10 to 20mm (B-s1,d0) Dôme/Pyramide PMMA (E,d2) Dôme/Pyramide PC (B-s2,d0) Capot Alu Isolé (A1)	PCA 32mm (B-s2,d0) BSL (B-s2,d0) Dôme PRV (E)	
	PCA 16 mm Pearl Inside (B-s1,d0)	PCA 16 to 20mm Pearl Inside (B-s1,d0)	PCA 16 mm Pearl Inside (B-s1,d0)
Aerodynamic free area	See aerodynamics report: 1368-CPD-T-075/2012-B, 1368-CPD-T-076/2012-B, 1368-CPD-T-079/2012-B, 1368-CPD-T-252/2007-B, 406/2005, 407/2005, 408/2005 CAPE AT 16-111/B	See aerodynamics report: 1368-CPD-T-075/2012-B, 1368-CPD-T-076/2012-B, 1368-CPD-T-079/2012-B, 1368-CPD-T-252/2007-B, 406/2005, 407/2005, 408/2005 CAPE AT 16-111/B	See aerodynamics report: 1368-CPD-T-198/2008-B CAPE-AT-10-088/B, CAPE-AT-10-088/B/CPLT
Reliability	Re 300	Re 300	Re 1000 (and filling by size)
Dual function for ventilation	Re 10.000 complete opening	Re 10.000 partial opening	Re 10.000 partial opening
Opening under load	SL 250 - SL 550	SL 250 - SL 500	SL 250 - SL 500
Low ambient temperature	T(-15)	T(0)	T(0)
Wind load	WL 1500	WL 1500 WL 3000 (S ≤ 1 m ²)	WL 1500
	Resistance to wind induced vibration satisfactory with deflectors made of galvanized sheet		
Resistance to heat	B300	B300	B300

- end of certificate -

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