



**DECLARATION OF PERFORMANCE  
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

**Product range designation (§2\*)**

**BLUESTEEL PNEU - BLUECOIF PNEU**

**List of alternatives :**

**BLUESTEEL PNEU (BIAISE)  
BLUECOIF PNEU (BIAISE)**

**Intended use (§3\*)**

Facade  Roof

§1\* : the full identification of the product is based on :  
- its order number and date of production indicated on the tracking sticker  
- its full designation : product range designation + alternative + infill + dimensions

DOP\_EN1873\_12,1\_BLUESTEEL PNEU - BLUECOIF PNEU\_ANG

N° 12,1

**Name, registered trade name or trade mark and contact adress of the manufacturer (§4\*)**

Name : BLUETEK (Head office : ZI Nord les Pins - 37230 Luynes)

Production units location : HEXADOME : H01-ZI Nord les Pins - 37230 Luynes/H02-Rue Marc Seguin - 63600 Ambert // SIH : S01-Le Haras - 57430 Sarralbe // SODILIGHT : S02-Route de Saulon - 21220 Gevrey-Chambertin

**Product description (§3\*)**

NSHEV with a single flap, pneumatic mechanism  
Steel upstand or renovation upstand height ≤ 600mm

**Possible options (§3\*)**

Griddle  
UL 3000 (Area at the top of the upstand ≤ 2,53m²)

**Intended use of the construction product, in accordance with the applicable harmonised technical specification (§3\*)**

Maximum authorized inclination of the plan to support the upstand :

- Hinges at the upper part of the slope, parallel to the ridge : 3° (5%)
- Hinges at the bottom part of the slope, parallel to the ridge : 25° (46%)
- Hinges perpendicular to the ridge : 25° (46%)

↳ Maximum inclination 15° or 26% in case of pneumatic and electric cylinder

**System or systems of assessment and verification if constancy of performance of the construction product : (§6 7 \*)**

System 3 according to Annexe ZA of European Norm EN 1873, List of notified testing laboratories (and NANDO List Nr) : CSTC (NB 1136) / CSTB (NB 0679) / LNE (NB 0071) / Fraunhofer (NB 0765)

**Declared performances (§9\*)**

Criteria		Value obtained for this range				Reference EN1873
Watertightness		Succeed				§ 5.3.1
UL Classification for resistance to ascending loads		See table below				§ 5.4.1
DL Classification for resistance to lowering loads		See table below				§ 5.4.2
Shock resistance	Large sized soft body (SB)	SB1200 with a fall-arrest device				§ 5.4.3.2
	Small sized hard body	Succeed				§ 5.4.3.1
Total light transmission (td65)  Solar Factor (g)  Complete skylight fire reaction  Durability	td65	g	Fire reaction	Durability		
	PCA10 4 parois opale	0,61	0,63	Bs2d0	ΔA, Cu0, Ku0	
	PCA10 4 parois Calor Control	PND	PND	Bs2d0	PND	
	PCA16 7 parois incolore	0,61	0,63	Bs2d0	ΔA, Cu0, Ku0	
	PCA16 7 parois opale	0,52	0,54	Bs2d0	ΔA, Cu0, Ku0	
	PCA16 7 parois calor control	0,23	0,31	Bs2d0	ΔA, Cu0, Ku0	§ 5.1
	PCA 10 mm + Dôme 1P PC OPALESCENT	0,49	0,52	Bs2d0	PND	§ 5.5
	PCA 10 mm + Dôme 1P PC TRANSPARENT	0,63	0,66	Bs2d0	PND	§ 5.2
	PCA 10 mm + PYR 1P PC OPALESCENT	0,49	0,52	Bs2d0	PND	
	PCA 10 mm + PYR 1P PC TRANSPARENT	0,63	0,66	Bs2d0	PND	
	PCA 16 mm + Dôme 1P PC OPALESCENT	0,42	0,45	Bs2d0	PND	
	PCA 16 mm + Dôme 1P PC TRANSPARENT	0,56	0,59	Bs2d0	PND	
	PCA 16 mm + PYR 1P PC OPALESCENT	0,54	0,58	Bs2d0	PND	
PCA 16 mm + PYR 1P PC TRANSPARENT	0,56	0,59	Bs2d0	PND		
AP Air tightness Classification		See table below				§ 5.8
Urc / Arc	Infill only Ut =	PCA10	2,7	W/m²K	§ 5.9	
		PCA16	2			
		Simple dôme	5,3			
		Simple dôme pyramidal	5,3			
		ci alu isolé	0,8			
Double dôme	2,8					
Double dôme choc	2,8					
Double dôme pyramidal	2,8					
PCA10+dôme	2,7					
PCA10+pyramide	2,7					
PCA16+dôme	2					
PCA16+pyramide	2					
Urc Ref		PND				
Lanterneau complet		See table below				
Complete skylight with other infills		PND				
Airbone noise indulation (Rw)		PND				§ 5.10

PND= Performance non déterminée



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According to Construction Products Council Directive UE

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**BLUESTEEL PNEU - BLUECOIF PNEU**

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BLUECOIF PNEU (BIAISE)**

Intended use (§3\*)

Facade

Roof

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DOP\_EN1873\_12,1\_BLUESTEEL PNEU - BLUECOIF PNEU\_ANG

N° 12,1

Commercial dimensions			
Bottom of upstand	UL	DL	AP
cm			
90/90	1500	3000	PND
100/100	1500	3000	PND
110/110	1500	3000	PND
120/120	1500	3000	PND
130/130	1500	3000	PND
140/140	1500	3000	PND
150/150	1500	3000	PND
160/160	1500	3000	PND
170/170	1500	3000	PND
180/180	1500	3000	PND
190/190	1500	3000	PND
200/200	1500	3000	PND
100/140	1500	3000	PND
100/150	1500	3000	PND
100/200	1500	3000	PND
120/140	1500	3000	PND
120/160	1500	3000	PND
120/170	1500	3000	PND
120/180	1500	3000	PND
120/200	1500	3000	PND
120/220	1500	3000	PND
120/240	1500	3000	PND
120/250	1500	3000	PND
140/160	1500	3000	PND
140/200	1500	3000	PND
150/200	1500	3000	PND
160/200	1500	3000	PND

The performance of the product identified in points §1 et §2 is in conformity with the declared performance in point §9.  
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point §4.

Signed for and on behalf of the manufacturer by Philippe FRITZINGER, President of BLUETEK  
The 24/11/2017 in Luynes

\* Chapter § numbers according to annexe 3 of CPR UE N°305/2011

[www.bluetek.fr](http://www.bluetek.fr)



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DOP\_EN1873\_12\_BLUESTEEL PNEU - BLUECOIF PNEU\_ANG

N° 12

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