



**DECLARATION OF PERFORMANCE
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

Product range designation (§2*)

BLUESTEEL DV PNEU - BLUECOIF DV PNEU

List of alternatives :

**BLUESTEEL DV PNEU (BIAISE)
BLUECOIF DV 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_15,1_BLUESTEEL DV PNEU - BLUECOIF DV PNEU_ANG

N° 15,1

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 : 501-Le Haras - 57430 Sarralbe // SODILIGHT : 502-Route de Saulon - 21220 Gevrey-Chambertin

Product description (§3*)

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

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 parallel to the ridge : 3° (5%)
- Hinges perpendicular to the ridge for S/M/L models: 25°(46%)
 - ▶ inclination limit 15° or 26% in case of coupling between pneumatic and electric cylinder
- Hinges perpendicular to the ridge for XL model : 10°(18%)

Possible options (§3*)

Griddle

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)	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	
	PCA 20 7 parois opale	0,45	0,47	Bs2d0	ΔA, Cu0, Ku0	
	PCA 20 7 Parois Transparent	0,46	0,49	Bs2d0	ΔA, Cu0, Ku0	§ 5.1
	PCA32 opalescent	0,27	0,29	Bs2d0	ΔA, Cu0, Ku0	§ 5.5
	PCA32 transparent	0,37	0,4	Bs2d0	ΔA, Cu0, Ku0	§ 5.2
	BSL opale	0,41	0,35	Bs2d0	PND	
	BSL opalescent	0,5	0,41	Bs2d0	PND	
	PCA 16 Pearl Inside	0,43	0,45	Bs1d0	PND	
	PCA 16 Pearl Inside opaque	0	PND	Bs2d0	PND	
	PCA 16 Pearl Inside Calor Control IR White	0,17	0,22	Bs2d0	PND	
	PCA 20 Pearl Inside	0,4	0,44	Bs1d0	PND	
PCA 20 Pearl Inside opaque	PND	PND	PND	PND PND PND		
PCA 20 Pearl Inside Calor Control	PND	PND	PND	PND PND PND		
AP Air tightness Classification		See table below				§ 5.8
Urc / Arc	Infill only Ut =	PCA10	2,7	W/m²K		§ 5.9
		PCA16	2			
		PCA20	1,7			
		ci alu isolé	0,8			
		PCA32	1,15			
	BSL	1,07				
	PCA Pearl Inside16	2,1				
	PCA Pearl Inside20	1,9				
	Urc Ref	PND				
	Lanterneau complet	See table below				
	Complete skylight with other infills	PND				
	Airbone noise indulation (Rw)	PND				§ 5.10

PND= Performance non determined



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DOP_EN1873_15,1_BLUESTEEL DV PNEU - BLUECOIF DV PNEU_ANG

N° 15,1

Commercial dimensions			
Bottom of upstand	UL	DL	AP
cm			
170/170	2000	1500	PND
180/180	2000	1500	PND
190/190	2000	1500	PND
200/200	2000	1500	PND
210/210	2000	1500	PND
220/220	2000	1500	PND
140/250	2000	1500	PND
140/300	2000	1500	PND
150/250	2000	1500	PND
150/300	2000	1500	PND
160/250	2000	1500	PND
160/300	2000	1500	PND
180/250	2000	1500	PND
180/280	2000	1500	PND
180/300	2000	1500	PND
200/250	2000	1500	PND
200/300	2000	1500	PND
230/300	2000	1500	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 10/10/2017 in Luynes

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

www.bluetek.fr



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120/200	2000	1500	PND
120/220	2000	1500	PND
120/240	2000	1500	PND
120/250	2000	1500	PND
120/300	2000	1500	PND
140/200	2000	1500	PND
140/250	2000	1500	PND
140/300	2000	1500	PND
150/200	2000	1500	PND
150/250	2000	1500	PND
150/300	2000	1500	PND
160/200	2000	1500	PND
160/250	2000	1500	PND
160/300	2000	1500	PND
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