



**DECLARATION OF PERFORMANCE  
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

Product range designation (§2\*)

**BLUESTEEL FIX - BLUECOIF FIX**

List of alternatives :

**BLUESTEEL FIX (DROITE)  
BLUECOIF FIX (DROITE)**

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\_1\_BLUESTEEL FIX - BLUECOIF FIX\_ANG

N° 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\*)**

Fixed skylight for zenithal lighting with reinforced insulation  
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 :

- Slope from 0 to 46% (0 to 25°)

**Possible options (§3\*)**

Griddle

UL 3000 (Area at the top of the upstand ≤ 2m<sup>2</sup>)

**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 (Except PMMA)				§ 5.4.3.2
	Small sized hard body	Succeed				§ 5.4.3.1
Total light transmission (td65)	PCA16 7 parois incolore	0,61	0,63	Bs2d0	ΔA, Cu0, Ku0	§ 5.1 § 5.5 § 5.2
	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	
	PCA10 4 parois opale	0,61	0,63	Bs2d0	ΔA, Cu0, Ku0	
	PCA10 4 parois Calor Control	PND	PND	Bs2d0	PND	
	PCA 10 mm + Dôme 1P PC OPALESCENT	0,49	0,52	Bs2d0	PND	
	PCA 10 mm + Dôme 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 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 + 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			
Urc / Arc	Infill only Ut =	PCA16	2	W/m²K	§ 5.9	
		PCA10	2,7			
		Simple dôme	5,3			
		Simple dôme pyramidal	5,3			
		PCA10+dôme	2,7			
	PCA16+dôme	2				
	PCA10+pyramide	2,7				
	PCA16+pyramide	2				
	Double dôme	2,8				
	Double dôme choc	2,8				
	Double dôme pyramidal	2,8				
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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Commercial dimensions			
Bottom of upstand	UL	DL	AP
cm			
50/50	1750	3000	PND
60/60	1750	3000	PND
70/70	1750	3000	PND
80/80	1750	3000	PND
85/85	1750	3000	PND
90/90	1750	3000	PND
100/100	1750	3000	PND
110/110	1750	3000	PND
120/120	1750	3000	PND
130/130	1750	3000	PND
140/140	1750	3000	PND
150/150	1750	1500	PND
160/160	1750	1500	PND
170/170	1750	1500	PND
180/180	1750	1500	PND
190/190	1750	1500	PND
200/200	1750	1500	PND
50/100	1750	3000	PND
70/100	1750	3000	PND
80/130	1750	3000	PND
100/140	1750	3000	PND
100/150	1750	3000	PND
100/200	1750	3000	PND
120/140	1750	3000	PND
120/160	1750	3000	PND
120/170	1750	1500	PND
120/180	1750	1500	PND
120/200	1750	1500	PND
120/220	1750	1500	PND
120/240	1750	1500	PND
120/250	1750	1500	PND
120/300	1750	1500	PND
140/160	1750	1500	PND
140/200	1750	1500	PND
140/250	1750	1500	PND
140/300	1750	1500	PND
150/200	1750	1500	PND
150/250	1750	1500	PND
150/300	1750	1500	PND
160/200	1750	1500	PND
160/250	1750	1500	PND
160/300	1750	1500	PND
180/250	1750	1500	PND
180/280	1750	1500	PND
180/300	1750	1500	PND
200/250	1750	1500	PND
200/300	1750	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 24/11/2017 in Luynes

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

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