

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

Product description (§3*)

Fixed skylight for zenithal lighting

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 ≤ 2m²)

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				§ 5.4.3.2	
	Small sized hard body	Succeed				§ 5.4.3.1	
Total light transmission (td65)	td65	g	Fire reaction	Durability			
	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 opaque gris alu	0	PND	Bs2d0	ΔA, Cu0, Ku0		
	PCA16 7 parois calor control	0,23	0,31	Bs2d0	ΔA, Cu0, Ku0		
	PCA10 4 parois incolore	0,68	0,7	Bs2d0	ΔA, Cu0, Ku0		
	PCA10 4 parois opale	0,61	0,63	Bs2d0	ΔA, Cu0, Ku0		
	PCA10 4 parois opaque gris alu	0	PND	Bs2d0	ΔA, Cu0, Ku0		
	SD PC incolore	0,92	0,94	Bs2d0	ΔI, Cu1, Ku1		
	SD PC opale	0,8	0,83	Bs2d0	ΔI, Cu1, Ku1		
	SD PMMA XT incolore	0,92	0,94	E	ΔI, Cu0, Ku1		
	SD PMMA XT opale	0,85	0,87	E	ΔI, Cu0, Ku1		
	SD Pyramidal PMMA XT 3 mm incolore	0,92	0,94	E	ΔI, Cu0, Ku1		
	SD Pyramidal PMMA XT 3 mm opale	0,85	0,87	E	ΔI, Cu0, Ku1		§ 5.1
	SD Pyramidal PC incolore	0,92	0,94	Bs2d0	ΔI, Cu1, Ku1		§ 5.5
	SD Pyramidal PC opale	0,8	0,83	Bs2d0	ΔI, Cu1, Ku1		§ 5.2
	PCA 16 mm + Dôme 1P PC OPALESCENT	0,42	0,45	Bs2d0	PND		
	PCA 20 mm + Dôme 1P PC OPALESCENT	0,36	0,39	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		
	Complete skylight fire reaction	DD PC incolore	0,85	0,87	Bs2d0	ΔI, Cu1, Ku1	
DD PC opale		0,65	PND	Bs2d0	ΔI, Cu1, Ku1		
DD PMMA incolore		0,85	PND	E	ΔI, Cu1, Ku1		
DD PMMA opale		0,78	PND	E	ΔI, Cu1, Ku1		
DD Pyramidal PMMA incolore		0,85	PND	E	ΔI, Cu1, Ku1		
DD Pyramidal PMMA opale		0,78	PND	E	ΔI, Cu1, Ku1		
DD Choc PC incolore		0,85	0,87	Bs2d0	ΔI, Cu1, Ku1		
DD Choc PC opale		0,65	PND	Bs2d0	ΔI, Cu1, Ku1		
DD Pyramidal PC incolore		0,85	PND	Bs2d0	ΔI, Cu1, Ku1		
DD Pyramidal PC opale		0,65	PND	Bs2d0	ΔI, Cu1, Ku1		
AP Air tightness Classification		See table below				§ 5.8	
Urc / Arc	Infill only Ut =	PCA16	2	W/m²K		§ 5.9	
		PCA10	2,8				
		Simple dôme	5,3				
		Simple dôme pyramidal	5,3				
		PCA10+dôme	2,8				
PCA16+dôme	2						
PCA10+pyramide	2,8						
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					
Airborne noise indulation (Rw)		PND				§ 5.10	

PND= Performance non determined



**DECLARATION OF PERFORMANCE
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

Productrange designation (§2*)

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N°1

Commercial dimensions			
Bottom of upstand	UL	DL	AP
cm			
50/50	1750	3000	PND
50/50	1750	3000	PND
50/270	1750	3000	PND
60/70	1750	3000	PND
60/120	1750	3000	PND
70/80	1750	3000	PND
80/90	1750	3000	PND
80/120	1750	3000	PND
85/90	1750	3000	PND
85/140	1750	3000	PND
90/100	1750	3000	PND
100/110	1750	3000	PND
110/120	1750	3000	PND
110/160	1750	3000	PND
110/170	1750	3000	PND
110/220	1750	1500	PND
120/130	1750	3000	PND
130/140	1750	3000	PND
130/160	1750	1500	PND
130/180	1750	1500	PND
130/190	1750	1500	PND
130/200	1750	1500	PND
130/220	1750	1500	PND
130/240	1750	1500	PND
130/260	1750	1500	PND
130/270	1750	1500	PND
140/60	1750	3000	PND
140/150	1750	1500	PND
150/160	1750	1500	PND
150/180	1750	1500	PND
150/220	1750	1500	PND
150/270	1750	1500	PND
160/60	1750	3000	PND
160/170	1750	1500	PND
160/220	1750	1500	PND
160/270	1750	1500	PND
170/60	1750	3000	PND
170/180	1750	1500	PND
170/220	1750	1500	PND
170/270	1750	1500	PND
180/60	1750	3000	PND
180/190	1750	1500	PND
190/200	1750	1500	PND
190/270	1750	1500	PND
190/300	1750	1500	PND
200/60	1750	3000	PND
200/210	1750	1500	PND
#VALEUR!			
#VALEUR!			
#VALEUR!			

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 14/04/2017 in Luynes

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