



**DECLARATION OF PERFORMANCE
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

Product range designation (§2*)

BLUESTEEL ELEC - BLUECOIF ELEC

List of alternatives :

**BLUESTEEL ELEC (BIAISE)
BLUECOIF ELEC (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_13,1_BLUESTEEL ELEC - BLUECOIF ELEC_ANG

N° 13,1

Name, registered trade name or trade mark and contact address 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, electric 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 :

• No laying direction for slope from 0 to 18 % (0 à 10°)

• Hinges at the bottom part of the slope for > 18 to 40% (10 to 22°)

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) / LINE (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
		td65	g	Fire reaction	Durability	
Total light transmission (td65)	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	
	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	
	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		
Solar Factor (g)	SD Pyramidal PC incolore	0,92	0,94	Bs2d0	ΔI, Cu1, Ku1	§ 5.1
	SD Pyramidal PC opale	0,8	0,83	Bs2d0	ΔI, Cu1, Ku1	§ 5.5
Complete skylight fire reaction	ci aluminium isolé	PND	PND	PND	PND	§ 5.2
	PCA 16 mm + PYR 1P PC OPALESCENT	0,54	0,58	Bs2d0	PND	
Durability	PCA 16 mm + PYR 1P PC TRANSPARENT	0,56	0,59	Bs2d0	PND	
	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	
	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 =	PCA10	2,8	W/m²K		§ 5.9
		PCA16	2			
		Simple dôme	5,3			
		Simple dôme pyramidal ci alu isolé	5,3 0,8			
		PCA10+pyramide	2,8			
		PCA10+dôme	2,8			
		PCA16+pyramide	2			
		PCA16+dôme	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



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Commercial dimensions			
Bottom of upstand	UL	DL	AP
cm			
110/110	1500	3000	PND
120/120	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
120/240	1500	3000	PND
130/130	1500	3000	PND
140/140	1500	3000	PND
140/160	1500	3000	PND
140/200	1500	3000	PND
150/150	1500	3000	PND
150/200	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 15/05/2017 in Luynes

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

Product range designation (§2*)

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