



DECLARATION OF PERFORMANCE  
OF A SKYLIGHT RANGE

According to Construction Products Council Directive UE

Product range designation (§2\*)

**BLUECOIF THERM PNEU + ACCES**

List of alternatives :

**BLUECOIF THERM PNEU+ACCES (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\_217\_BLUECOIF THERM PNEU + ACCES\_ANG

N° 217

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 and roof access and zenithal lighting skylight with a single flap, pneumatic mechanism, reinforced insulation

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 :

- Any installation direction for slope from 0 to 10% (0 to 5°)
- Any installation direction up to a slope > 10 to 40 % (5 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) / 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			
Solar Factor (g)	PCA16 7 parois incolore	0,61	0,63	Bs2d0	ΔA, Cu0, Ku0			
	PCA16 7 parois opale	0,52	0,54	Bs2d0	ΔA, Cu0, Ku0			
Complete skylight fire reaction	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	§ 5.1		
Durability	PCA 20 7 parois opale	0,45	0,47	Bs2d0	ΔA, Cu0, Ku0	§ 5.5		
	PCA 20 7 Parois Transparent	0,46	0,49	Bs2d0	ΔA, Cu0, Ku0	§ 5.2		
	Capot aluminium isolé	PND	PND	PND	PND			
	PCA32 opalesscent	0,27	0,29	Bs2d0	ΔA, Cu0, Ku0			
	PCA32 transparent	0,37	0,4	Bs2d0	ΔA, Cu0, Ku0			
	BSL opale	0,41	0,35	Bs2d0	PND			
	BSL opalesscent	0,5	0,41	Bs2d0	PND			
	PCA 16 Pearl Inside	0,43	0,45	Bs1d0	PND			
AP Air tightness Classification		See table below				§ 5.8		
Urc / Arc	Infill only Ut =			PCA16 PCA20 ci alu isolé PCA32 PCA10+dôme PCA10+pyramide BSL PCA Pearl Inside16	W/m²K	§ 5.9		
		Urc Ref					PND	
		Complete rooftoplight for : PCA16;PCA20;ci alu isolé;PCA32;BSL;PCA Pearl Inside16					See table below	
		Complete skylight with other infills					PND	
		Airbone noise indulation (Rw)					PND	

PND= Performance non determined



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Commercial dimensions	UL	DL	AP	Performances per infill											
				PCA 16		PCA 20		PCA 32		PCA 16 Pearl Inside		BSL		ci alu standard	
				Upstand height 110mm		Upstand height 110mm		Upstand height 110mm		Upstand height 110mm		Upstand height 110mm		Upstand height 110mm	
cm				Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>	Urc W/m <sup>2</sup> .K	Arc m <sup>2</sup>
100/100	1500	3000	0,4	3,2	1,8	3	1,8	2,6	1,8	3,3	1,8	2,5	1,9	2,4	1,9
100/100	1500	3000	0,4	3,2	1,8	3	1,8	2,6	1,8	3,3	1,8	2,5	1,9	2,4	1,9
110/110	1500	3000	0,4	3,1	2	2,9	2,1	2,5	2,1	3,2	2	2,4	2,2	2,3	2,2
120/120	1500	3000	0,4	3,1	2,4	2,9	2,4	2,5	2,4	3,1	2,4	2,4	2,5	2,2	2,5

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 01/03/2017 in Luynes

\* Chapter 5 numbers according to annexe 3 of CPR UE N°305/2011

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