DECLARATION OF PERFORMANCE OF A SKYLIGHT RANGE

According to Construction Products Council Directive UE

Product range designation (§2*)

BLUECOIF THERM ELEC

List of alternatives :

BLUECOIF THERM 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_213,1_BLUECOIF THERM ELEC_ANG *N° 213,1*

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*)

NSHEV with a single flap, electric mechanism, reinforced insulation
Renovation upstand height ≤ 600mm

Intended use of the construction product, in accordance with the applicable harmonised technical specification (§3*)

Maximum authorized inclinaiton 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) / 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
		td65	g	Fire reaction	Durability	
Total light transmission (td65)	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	
	PCA32 opalescent	0,27	0,29	Bs2d0	ΔA, Cu0, Ku0	
	PCA32 transparent	0,37	0,4	Bs2d0	ΔA, Cu0, Ku0	
	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	
Solar Factor (g)	PCA 10 mm + Dôme 1P PC OPALESCENT	0,49	0,52	Bs2d0	PND	§ 5.1
	PCA 10 mm + Dôme 1P PC TRANSPARENT	0,63	0,66	Bs2d0	PND	§ 5.5
Complete skylight fire reaction	PCA 16 Pearl Inside	0,43	0,45	Bs1d0	PND	§ 5.2
	PCA 16 Pearl Inside opaque	0	PND	Bs2d0	PND	
	PCA 16 Pearl Inside Calor Control IR White	0,17	0,22	Bs2d0	PND	
Durability	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	
	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 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	
	BSL opale	0,41	0,35	Bs2d0	PND	
	BSL opalescent	0,5	0,41	Bs2d0	PND	
AP Air thightness Classification		See table below				§ 5.8
Urc / Arc	**Infill only Ut =**	PCA16	2	W/m²K		§ 5.9
		PCA20	1,7			
		ci alu isolé	0,8			
		PCA32	1,15			
		PCA10+pyramide	2,7			
		PCA10+dôme	2,7			
		PCA Pearl Inside16	2,1			
		PCA16+pyramide	2			
		PCA16+dôme	2			
		Double dôme	2,8			
		Double dôme choc	2,8			
		Double dôme pyramidal	2,8			
		PCA Pearl Inside20	1,9			
		Triple dôme	2			
		Triple dôme choc	2			
		Triple dôme pyramidal	2			
		BSL	1,07			
	Urc Ref	PND				
	Complete rooflight for : PCA16;PCA20;ci alu isolé;PCA32;PCA Pearl Inside16;PCA Pearl Inside20;BSL	See table below				
	Complete skylight with other infills	PND				
Airbone noise indulation (Rw)		PND				§ 5.10

PND= Performance non determined

DECLARATION OF PERFORMANCE
OF A SKYLIGHT RANGE

According to Construction Products Council Directive UE

Product range designation (§2*)

BLUECOIF THERM ELEC

List of alternatives :

BLUECOIF THERM 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_213,1_BLUECOIF THERM ELEC_ANG *N° 213,1*

Commercial dimensions	UL	DL	AP	Performances per infill											
				PCA 16		**PCA 20**		**PCA 32**		**PCA 16 Pearl Inside**		**PCA 20 Pearl Inside**		**BSL**	
Bottom of upstand				Upstand height 300mm		Upstand height 300mm		Upstand height 300mm		Upstand height 300mm		Upstand height 300mm		Upstand height 300mm	
cm				Urc W/m².K	Arc m²	Urc W/m².K	Arc m²	Urc W/m².K	Arc m²	Urc W/m².K	Arc m²	Urc W/m².K	Arc m²	Urc W/m².K	Arc m²
110/110	1500	3000	0,4	2,5	2,7	2,4	2,7	2,1	2,7	2,6	2,7	2,5	2,7	2,1	2,8
120/120	1500	3000	0,4	2,5	3	2,4	3,1	2,1	3,1	2,6	3	2,5	3,1	2,1	3,2
130/130	1500	3000	0,4	2,5	3,4	2,4	3,4	2,1	3,5	2,5	3,4	2,4	3,4	2	3,6
140/140	1500	3000	0,4	2,5	3,8	2,3	3,8	2	3,9	2,5	3,8	2,4	3,8	2	4
150/150	1500	3000	0,4	2,5	4,2	2,3	4,3	2	4,3	2,5	4,2	2,4	4,3	2	4,4
120/140	1500	3000	0,4	2,5	3,4	2,4	3,4	2,1	3,5	2,5	3,4			2	3,5
120/160	1500	3000	0,4	2,5	3,8	2,3	3,8	2	3,9	2,5	3,8			2	3,9
120/170	1500	3000	0,4	2,5	4	2,3	4	2	4,1	2,5	4			2	4,1
120/180	1500	3000	0,4	2,5	4,2	2,3	4,2	2	4,2	2,5	4,2			2	4,3
120/200	1500	3000	0,5	2,5	4,5	2,3	4,5	2	4,6	2,5	4,5			2	4,7
120/240	1500	3000	0,5	2,4	5,3	2,3	5,3	2	5,4	2,5	5,3			1,9	5,4
140/160	1500	3000	0,4	2,5	4,2	2,3	4,3	2	4,3	2,5	4,2			2	4,4
140/200	1500	3000	0,5	2,4	5,1	2,3	5,1	2	5,2	2,5	5,1			1,9	5,2
150/200	1500	3000	0,5	2,4	5,3	2,3	5,3	1,9	5,4	2,5	5,3			1,9	5,5

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 responsability 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*

Product range designation (§2*)

BLUECOIF THERM ELEC

List of alternatives :

BLUECOIF THERM 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

DECLARATION OF PERFORMANCE OF A SKYLIGHT RANGE

According to Construction Products Council Directive UE

DOP_EN1873_213,1_BLUECOIF THERM ELEC_ANG *N° 213,1*

Commercial dimensions				Performances per infill											
				ci alu standard											
Bottom of upstand	UL	DL	AP	Upstand height 300mm											
cm				Urc W/m².K	Arc m²										
110/110	1500	3000	0,4	2	2,8										
120/120	1500	3000	0,4	1,9	3,2										
130/130	1500	3000	0,4	1,9	3,5										
140/140	1500	3000	0,4	1,9	4										
150/150	1500	3000	0,4	1,8	4,4										
120/140	1500	3000	0,4	1,9	3,5										
120/160	1500	3000	0,4	1,9	3,9										
120/170	1500	3000	0,4	1,9	4,1										
120/180	1500	3000	0,4	1,8	4,3										
120/200	1500	3000	0,5	1,8	4,7										
120/240	1500	3000	0,5	1,8	5,4										
140/160	1500	3000	0,4	1,8	4,4										
140/200	1500	3000	0,5	1,8	5,2										
150/200	1500	3000	0,5	1,8	5,5										

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 responsability 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*

De nature à créer le bien-être

DECLARATION OF PERFORMANCE OF A SKYLIGHT RANGE

According to Construction Products Council Directive UE

Product range designation (§2*)

BLUECOIF THERM ELEC

List of alternatives :

BLUECOIF THERM ELEC (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
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DOP_EN1873_213_BLUECOIF THERM ELEC_ANG *N° 213*

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*)

NSHEV with a single flap, electric mechanism, reinforced insulation
Renovation upstand height ≤ 600mm

Intended use of the construction product, in accordance with the applicable harmonised technical specification (§3*)

Maximum authorized inclinaiton 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) / 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
		td65	g	Fire reaction	Durability	
Total light transmission (td65)	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	
	PCA32 opalescent	0,27	0,29	Bs2d0	ΔA, Cu0, Ku0	
	PCA32 transparent	0,37	0,4	Bs2d0	ΔA, Cu0, Ku0	
	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	
Solar Factor (g)	PCA 10 mm + Dôme 1P PC OPALESCENT	0,49	0,52	Bs2d0	PND	§ 5.1
	PCA 10 mm + Dôme 1P PC TRANSPARENT	0,63	0,66	Bs2d0	PND	§ 5.5
Complete skylight fire reaction	PCA 16 Pearl Inside	0,43	0,45	Bs1d0	PND	§ 5.2
	PCA 16 Pearl Inside opaque	0	PND	Bs2d0	PND	
	PCA 16 Pearl Inside Calor Control IR White	0,17	0,22	Bs2d0	PND	
Durability	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	
	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 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	
	BSL opale	0,41	0,35	Bs2d0	PND	
	BSL opalescent	0,5	0,41	Bs2d0	PND	
AP Air thightness Classification		See table below				§ 5.8
Urc / Arc	**Infill only Ut =**	PCA16	2	W/m²K		§ 5.9
		PCA20	1,7			
		ci alu isolé	0,8			
		PCA32	1,15			
		PCA10+pyramide	2,7			
		PCA10+dôme	2,7			
		PCA Pearl Inside16	2,1			
		PCA16+pyramide	2			
		PCA16+dôme	2			
		Double dôme	2,8			
		Double dôme choc	2,8			
		Double dôme pyramidal	2,8			
		PCA Pearl Inside20	1,9			
		Triple dôme	2			
		Triple dôme choc	2			
		Triple dôme pyramidal	2			
		BSL	1,07			
	Urc Ref	PND				
	Complete rooflight for : PCA16;PCA20;ci alu isolé;PCA32;PCA Pearl Inside16;PCA Pearl Inside20;BSL	See table below				
	Complete skylight with other infills	PND				
Airbone noise indulation (Rw)		PND				§ 5.10

PND= Performance non determined

DECLARATION OF PERFORMANCE
OF A SKYLIGHT RANGE

According to Construction Products Council Directive UE

Product range designation (§2*)

BLUECOIF THERM ELEC

List of alternatives :

BLUECOIF THERM ELEC (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_213_BLUECOIF THERM ELEC_ANG *N° 213*

Commercial dimensions	UL	DL	AP	Performances per infill											
				PCA 16		**PCA 20**		**PCA 32**		**PCA 16 Pearl Inside**		**PCA 20 Pearl Inside**		**BSL**	
Bottom of upstand				Upstand height 150mm		Upstand height 150mm		Upstand height 150mm		Upstand height 150mm		Upstand height 150mm		Upstand height 150mm	
cm				Urc W/m².K	Arc m²	Urc W/m².K	Arc m²	Urc W/m².K	Arc m²	Urc W/m².K	Arc m²	Urc W/m².K	Arc m²	Urc W/m².K	Arc m²
100/100	1500	3000	0,4	3	1,9	2,8	2	2,5	2	3,1	1,9	2,9	2	2,4	2
110/110	1500	3000	0,4	2,9	2,2	2,8	2,3	2,4	2,3	3	2,2	2,9	2,3	2,3	2,4
120/120	1500	3000	0,4	2,9	2,6	2,7	2,6	2,3	2,6	3	2,6	2,8	2,6	2,3	2,7
130/130	1500	3000	0,4	2,9	2,9	2,7	2,9	2,3	3	2,9	2,9	2,8	2,9	2,2	3
140/140	1500	3000	0,4	2,8	3,2	2,6	3,3	2,2	3,3	2,9	3,2	2,7	3,3	2,2	3,4
100/140	1500	3000	0,4	2,9	2,5	2,7	2,5	2,4	2,6	3	2,5			2,3	2,6
100/150	1500	3000	0,4	2,9	2,7	2,7	2,7	2,3	2,7	3	2,7			2,3	2,8
100/200	1500	3000	0,4	2,8	3,4	2,6	3,4	2,3	3,5	2,9	3,4			2,2	3,5
120/140	1500	3000	0,4	2,9	2,9	2,7	2,9	2,3	3	2,9	2,9			2,2	3
120/160	1500	3000	0,4	2,8	3,2	2,6	3,2	2,2	3,3	2,9	3,2			2,2	3,4
120/170	1500	3000	0,5	2,8	3,4	2,6	3,4	2,2	3,5	2,9	3,4			2,2	3,5
120/180	1500	3000	0,5	2,8	3,5	2,6	3,6	2,2	3,6	2,9	3,5			2,1	3,7
120/200	1500	3000	0,5	2,8	3,9	2,6	3,9	2,2	4	2,9	3,9			2,1	4
120/220	1500	3000	0,5	2,8	4,2	2,6	4,2	2,2	4,3	2,8	4,2			2,1	4,4
120/240	1500	3000	0,5	2,7	4,5	2,5	4,6	2,1	4,6	2,8	4,5			2,1	4,7
120/250	1500	3000	0,5	2,7	4,7	2,5	4,7	2,1	4,8	2,8	4,7			2,1	4,9
140/160	1500	3000	0,5	2,8	3,6	2,6	3,6	2,2	3,7	2,9	3,6			2,1	3,8
140/200	1500	3000	0,5	2,7	4,4	2,5	4,4	2,1	4,5	2,8	4,4			2,1	4,5

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 responsability 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*

Product range designation (§2*)

BLUECOIF THERM ELEC

List of alternatives :

BLUECOIF THERM ELEC (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

DECLARATION OF PERFORMANCE OF A SKYLIGHT RANGE

According to Construction Products Council Directive UE

DOP_EN1873_213_BLUECOIF THERM ELEC_ANG *N° 213*

Commercial dimensions				Performances per infill											
				ci alu standard											
Bottom of upstand	UL	DL	AP	Upstand height 150mm											
cm				Urc W/m².K	Arc m²										
100/100	1500	3000	0,4	2,2	2										
110/110	1500	3000	0,4	2,2	2,4										
120/120	1500	3000	0,4	2,1	2,7										
130/130	1500	3000	0,4	2	3										
140/140	1500	3000	0,4	2	3,4										
100/140	1500	3000	0,4	2,1	2,6										
100/150	1500	3000	0,4	2,1	2,8										
100/200	1500	3000	0,4	2	3,5										
120/140	1500	3000	0,4	2	3										
120/160	1500	3000	0,4	2	3,4										
120/170	1500	3000	0,5	2	3,5										
120/180	1500	3000	0,5	2	3,7										
120/200	1500	3000	0,5	1,9	4										
120/220	1500	3000	0,5	1,9	4,4										
120/240	1500	3000	0,5	1,9	4,7										
120/250	1500	3000	0,5	1,9	4,9										
140/160	1500	3000	0,5	1,9	3,8										
140/200	1500	3000	0,5	1,9	4,5										

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 responsability 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*