



**DECLARATION OF PERFORMANCE
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

Product range designation (§2*)

BLUEBAC THERM FIX

List of alternatives :

BLUEBAC THERM FIX (B1)

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_701,1_BLUEBAC THERM FIX_ANG

N° 701,1

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
Polyester upstand Height minimum 300mm

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 (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	
Solar Factor (g)	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	
Complete skylight fire reaction	PCA 20 7 Parois Transparent	0,46	0,49	Bs2d0	ΔA, Cu0, Ku0	
	PCA32 opaescent	0,27	0,29	Bs2d0	ΔA, Cu0, Ku0	
Durability	PCA32 transparent	0,37	0,4	Bs2d0	ΔA, Cu0, Ku0	
	PCA 16 Pearl Inside	0,43	0,45	Bs1d0	PND	
	PCA 16 Pearl Inside opaque	0	PND	Bs2d0	PND	
	PCA 16 Pearl Inside Calor Control IR White	0,17	0,22	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	
	PCA 32 Pearl Inside	PND	PND	Bs1d0	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 20 mm + Dôme 1P PC OPALESCENT	0,36	0,39	Bs2d0	PND	
	PCA 20 mm + Dôme 1P PC TRANSPARENT	0,42	0,46	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	
	PCA 20 mm + PYR 1P PC OPALESCENT	0,36	0,39	Bs2d0	PND	
	PCA 20 mm + PYR 1P PC TRANSPARENT	0,42	0,46	Bs2d0	PND	
	BSL opale	0,41	0,35	Bs2d0	PND	
	BSL opaescent	0,5	0,41	Bs2d0	PND	
AP Air tightness Classification		See table below				§ 5.8
Urc / Arc	Infill only Ut =	PCA16	2	W/m²K	§ 5.9	
		PCA20	1,7			
		PCA32	1,15			
		PCA Pearl Inside16	2,1			
		PCA Pearl Inside20	1,9			
	PCA Pearl Inside32	1,2				
	Double dôme	2,8				
	Double dôme choc	2,8				
	Double dôme pyramidal	2,8				
	Triple dôme choc	2				
	Triple dôme pyramidal	2				
	PCA10+dôme	2,7				
	PCA16+dôme	2				
	PCA20+dôme	1,7				
	PCA10+pyramide	2,7				
	PCA16+pyramide	2				
	PCA20+pyramide	1,7				
	BSL	1,07				
	Urc Ref	PND				
	Complete rooflight for : PCA16;PCA20;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 déterminé



**DECLARATION OF PERFORMANCE
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

Product range designation (§2*)

BLUEBAC THERM FIX

List of alternatives :

BLUEBAC THERM FIX (B1)

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_701,1_BLUEBAC THERM FIX_ANG

N° 701,1

Commercial dimensions	UL	DL	AP	Performances per infill											
				PCA 16		PCA 20		PCA 32		PCA 16 Pearl Inside		PCA 20 Pearl Inside		BSL	
				Upstand height 300mm		Upstand height 300mm		Upstand height 300mm		Upstand height 300mm		Upstand height 300mm		Upstand height 300mm	
cm				Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²
110/110	1750	3000	0,3	2	2,1	1,8	2,1	1,5	2,2	2	2,1	1,9	2,1	1,5	2,2
130/130	1750	3000	0,3	2	2,8	1,8	2,8	1,5	2,8	2	2,8	1,9	2,8	1,4	2,9
150/150	1750	3000	0,3	2	3,5	1,8	3,5	1,5	3,6	2	3,5	1,9	3,5	1,4	3,6
80/110	1750	3000	0,3	2	1,7	1,8	1,7	1,6	1,7	2	1,7	1,9	1,7	1,5	1,7

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

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**DECLARATION OF PERFORMANCE
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

Product range designation (§2*)

BLUEBAC THERM FIX

List of alternatives :

BLUEBAC THERM FIX (B2)

Intended use (§3*)

Facade Roof

§1* : the full identification of the product is based on :
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- its full designation : product range designation + alternative + infill + dimensions

DOP_EN1873_701,2_BLUEBAC THERM FIX_ANG

N° 701,2

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
Polyester upstand Height minimum 300mm

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 (Except PMMA)				§ 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)							
Complete skylight fire reaction							
Durability							
AP Air tightness Classification		See table below				§ 5.8	
Urc / Arc	Infill only Ut =	PCA16	2			W/m²K	§ 5.9
		PCA20	1,7				
		PCA32	1,15				
		PCA Pearl Inside16	2,1				
		PCA Pearl Inside20	1,9				
PCA Pearl Inside32	1,2						
Double dôme	2,8						
Double dôme choc	2,8						
Double dôme pyramidal	2,8						
Triple dôme choc	2						
Triple dôme pyramidal	2						
PCA10+dôme	2,7						
PCA16+dôme	2						
PCA20+dôme	1,7						
PCA10+pyramide	2,7						
PCA16+pyramide	2						
PCA20+pyramide	1,7						
BSL	1,07						
Urc Ref		PND					
Complete rooflight for : PCA16;PCA20;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 déterminée



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DOP_EN1873_701,2_BLUEBAC THERM FIX_ANG

N° 701,2

Commercial dimensions	UL	DL	AP	Performances per infill											
				PCA 16		PCA 20		PCA 32		PCA 16 Pearl Inside		PCA 20 Pearl Inside		BSL	
				Upstand height 300mm		Upstand height 300mm		Upstand height 300mm		Upstand height 300mm		Upstand height 300mm		Upstand height 300mm	
cm				Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²
180/180	1750	1500	0,7	2	4,3	1,8	4,3	1,4	4,4	2	4,3	1,9	4,3	1,4	4,5
120/240	1750	1500	0,7	2	4	1,8	4	1,5	4,1	2	4	1,9	4	1,4	4,1
150/180	1750	1500	0,7	2	3,7	1,8	3,7	1,5	3,8	2	3,7	1,9	3,7	1,4	3,8

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

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**DECLARATION OF PERFORMANCE
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

Product range designation (§2*)

BLUEBAC THERM FIX

List of alternatives :

BLUEBAC THERM FIX (DR)

Intended use (§3*)

Facade Roof

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DOP_EN1873_701_BLUEBAC THERM FIX_ANG

N° 701

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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 PCA16 7 parois opale PCA16 7 parois calor control PCA 20 7 parois opale PCA 20 7 Parois Transparent PCA32 opalescent PCA32 transparent PCA 16 Pearl Inside PCA 16 Pearl Inside opaque PCA 16 Pearl Inside Calor Control IR White PCA 20 Pearl Inside PCA 20 Pearl Inside opaque PCA 20 Pearl Inside Calor Control PCA 32 Pearl Inside	td65	g	Fire reaction	Durability	§ 5.1 § 5.5 § 5.2
		0,61 0,52 0,23 0,45 0,46 0,27 0,37 0,43 0 0,17 0,4 PND PND PND PND	0,63 0,54 0,31 0,47 0,49 0,29 0,4 0,45 PND 0,22 0,44 PND PND PND PND	Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs1d0 Bs2d0 Bs2d0 Bs1d0 PND PND PND PND	ΔA, Cu0, Ku0 ΔA, Cu0, Ku0 ΔA, Cu0, Ku0 ΔA, Cu0, Ku0 ΔA, Cu0, Ku0 ΔA, Cu0, Ku0 PND PND PND PND PND PND PND PND PND PND	
Solar Factor (g)	PCA 10 mm + Dôme 1P PC OPALESCENT PCA 10 mm + Dôme 1P PC TRANSPARENT PCA 16 mm + Dôme 1P PC OPALESCENT PCA 16 mm + Dôme 1P PC TRANSPARENT PCA 20 mm + Dôme 1P PC OPALESCENT PCA 20 mm + Dôme 1P PC TRANSPARENT PCA 10 mm + PYR 1P PC OPALESCENT PCA 10 mm + PYR 1P PC TRANSPARENT PCA 16 mm + PYR 1P PC OPALESCENT PCA 16 mm + PYR 1P PC TRANSPARENT PCA 20 mm + PYR 1P PC OPALESCENT PCA 20 mm + PYR 1P PC TRANSPARENT BSL opale BSL opalescent	0,49 0,63 0,42 0,56 0,36 0,42 0,49 0,63 0,54 0,56 0,36 0,42 0,41 0,5	0,52 0,66 0,45 0,59 0,39 0,46 0,52 0,66 0,58 0,59 0,39 0,46 0,35 0,41	Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs2d0 Bs2d0	PND PND PND PND PND PND PND PND PND PND PND PND PND PND	
AP Air tightness Classification		See table below				§ 5.8
Urc / Arc	Infill only Ut =	PCA16	2	W/m²K	§ 5.9	
		PCA20	1,7			
		PCA32	1,15			
		PCA Pearl Inside16 PCA Pearl Inside20 PCA Pearl Inside32 Double dôme Double dôme choc Double dôme pyramidal Triple dôme choc Triple dôme pyramidal PCA10+dôme PCA16+dôme PCA20+dôme PCA10+pyramide PCA16+pyramide PCA20+pyramide BSL	2,1 1,9 1,2 2,8 2,8 2,8 2 2 2,7 2 1,7 2,7 2 1,7 1,7 1,07			
Urc Ref	PND					
Complete rooflight for : PCA16;PCA20;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 déterminée



**DECLARATION OF PERFORMANCE
OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

Product range designation (§2*)

BLUEBAC THERM FIX

List of alternatives :

BLUEBAC THERM FIX (DR)

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_701_BLUEBAC THERM FIX_ANG

N° 701

Commercial dimensions	UL	DL	AP	Performances per infill											
				PCA 16		PCA 20		PCA 32		PCA 16 Pearl Inside		PCA 20 Pearl Inside		BSL	
				Upstand height 300mm		Upstand height 300mm		Upstand height 300mm		Upstand height 300mm		Upstand height 300mm		Upstand height 300mm	
cm				Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²	Urc W/m ² .K	Arc m ²
100/200	1750	3000	0,3	1,8	3,6	1,7	3,6	1,4	3,7	1,9	3,6	1,7	3,6	1,3	3,7
150/180	1750	1500	0,7	1,9	4,4	1,7	4,5	1,3	4,5	1,9	4,4	1,7	4,5	1,3	4,6

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

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