



DECLARATION OF PERFORMANCE OF A SKYLIGHT RANGE

According to Construction Products Council Directive UE

Productrange designation (§2*)

BLUESTEEL RPT PASS

List of alternatives :

BLUESTEEL RPT PASS 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_403_BLUESTEEL RPT PASS_ANG

N° 403

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*)

Openable skylight for roof access and zenithal lighting with thermally broken profile

Steel upstand height ≤ 600mm with aluminium thermally broken profile

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 :

- Slope from 0 to 46% (0 to 25°)

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		
	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		
	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 16 Pearl Inside	0,43	0,45	Bs1d0	PND	§ 5.1	
	PCA 20 Pearl Inside	0,4	0,44	Bs1d0	PND	§ 5.5	
	PCA 32 Pearl Inside	PND	PND	Bs1d0	PND	§ 5.2	
	BSL opale	0,41	0,35	Bs2d0	PND		
	BSL opalescent	0,5	0,41	Bs2d0	PND		
	Sunlite Control	0,5	0,15	Bs1d0	ΔI, Cu0, Ku1		
	Capot aluminium isolé	PND	PND	PND	PND		
	Capot aluminium acoustique	PND	PND	PND	PND		
	Double vitrage Securit 6-16 Argon Stadip 44.2 Planitherm Ultra N	0,77	0,54	PND	PND		
	Double vitrage Securit SKN 165 II 6-16 Argon - Stadip 44.2 Planitherm Ultra N	0,58	0,33	PND	PND		
	Triple vitrage Securit 4 Ultra N II - 8 Argon - Verre 4 - 8 Argon - Stadip 33.2 Planitherm Ultra N	0,7	0,52	PND	PND		
Triple vitrage Securit Cool-Lite XTREME II 4 - 8 Argon - Verre 4 - 8 Argon - Stadip 33.2 Planitherm Ultra N	0,54	0,28	PND	PND			
AP Air thightness Classification		See table below				§ 5.8	
Urc / Arc	Infill only Ut =			PCA16 PCA20 PCA32 PCA Pearl Inside16 PCA Pearl Inside20 PCA Pearl Inside32 BSL Sunlite Control ci alu isolé ci alu isoléacoustique Double vitrage Securit Triple vitrage Securit	2 1,7 1,15 2,1 1,9 1,2 1,07 1,445 0,8 1 1,8 1	W/m²K	§ 5.9
	Urc Ref	PND					
	Complete rooflight for : PCA20;PCA32;PCA Pearl Inside16;PCA Pearl Inside20;PCA Pearl Inside32;BSL;ci alu isolé;ci alu isoléacoustique;Double vitrage Securit;Triple vitrage Securit	See table below					
	Complete skylight with other infills	PND					
	Airbone noise indulation (Rw)	PND					
						§ 5.10	



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Commercial dimensions	UL	DL	AP	Performances per infill											
				PCA 20		PCA 32		PCA 16 Pearl Inside		PCA 20 Pearl Inside		PCA 32 Pearl Inside		BSL	
				Upstand height 350mm		Upstand height 350mm		Upstand height 350mm		Upstand height 350mm		Upstand height 350mm		Upstand height 350mm	
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
70/70	PND	1500	PND	1,6	1,9	1,4	1,9	1,7	1,9	1,7	1,9	1,4	1,9	1,4	2
70/100	PND	1500	PND	1,6	2,4	1,4	2,4	1,7	2,4	1,7	2,4	1,4	2,4	1,4	2,5
80/80	PND	1500	PND	1,6	2,2	1,4	2,3	1,7	2,2	1,7	2,2	1,4	2,3	1,4	2,3
80/130	PND	1500	PND	1,6	3,1	1,4	3,1	1,7	3,1	1,7	3,1	1,4	3,1	1,3	3,2
90/90	PND	1500	PND	1,6	2,6	1,4	2,6	1,7	2,6	1,7	2,6	1,4	2,6	1,3	2,7
100/100	PND	1500	PND	1,6	3	1,4	3	1,7	2,9	1,7	3	1,4	3	1,3	3,1
100/140	PND	1500	PND	1,6	3,7	1,3	3,8	1,8	3,7	1,7	3,7	1,4	3,8	1,3	3,8
110/110	PND	1500	PND	1,6	3,4	1,4	3,4	1,8	3,3	1,7	3,4	1,4	3,4	1,3	3,5
120/120	PND	1500	PND	1,6	3,8	1,3	3,8	1,8	3,8	1,7	3,8	1,4	3,8	1,3	3,9
120/140	PND	1500	PND	1,6	4,2	1,3	4,3	1,8	4,2	1,7	4,2			1,3	4,3
130/130	PND	1500	PND	1,6	4,2	1,3	4,3	1,8	4,2	1,7	4,2			1,3	4,3
140/140	PND	1500	PND	1,6	4,7										

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 01/03/2017 in Luynes

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

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				Sunlite Control		Double vitrage		Triple vitrage		Sage Glass		ci alu standard		ci alu acoustique	
				Upstand height 350mm		Upstand height 350mm		Upstand height 350mm		Upstand height 350mm		Upstand height 350mm		Upstand height 350mm	
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
70/70	PND	1500	PND									1,6	1,9	1,6	2
70/100	PND	1500	PND									1,6	2,4	1,5	2,5
80/80	PND	1500	PND									1,6	2,3	1,6	2,3
80/130	PND	1500	PND									1,5	3,2	1,5	3,2
90/90	PND	1500	PND			1,7	2,6	1,4	2,6	1,7	2,6	1,5	2,7	1,5	2,7
100/100	PND	1500	PND	1,6	1,6	1,7	3	1,4	3			1,5	3	1,5	3,1
100/140	PND	1500	PND									1,5	3,8		
110/110	PND	1500	PND									1,5	3,4		
120/120	PND	1500	PND									1,5	3,9		
120/140	PND	1500	PND									1,5	4,3		
130/130	PND	1500	PND									1,5	4,3		
140/140	PND	1500	PND												

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Commercial dimensions	UL	DL	AP	Performances per infill											
				PCA 20		PCA 32		PCA 16 Pearl Inside		PCA 20 Pearl Inside		PCA 32 Pearl Inside		BSL	
				Upstand height 420mm		Upstand height 420mm		Upstand height 420mm		Upstand height 420mm		Upstand height 420mm		Upstand height 420mm	
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
70/70	PND	1500	PND	1,5	2,1	1,4	2,1	1,6	2,1	1,6	2,1	1,4	2,1	1,3	2,2
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100/100	PND	1500	PND	1,5	3,3	1,3	3,3	1,7	3,2	1,6	3,2	1,4	3,3	1,3	3,3
100/140	PND	1500	PND	1,6	4,1	1,3	4,1	1,7	4	1,6	4,1	1,4	4,1	1,3	4,2
110/110	PND	1500	PND	1,5	3,7	1,3	3,7	1,7	3,6	1,6	3,7	1,4	3,7	1,3	3,8
120/120	PND	1500	PND	1,6	4,1	1,3	4,2	1,7	4,1	1,7	4,1			1,3	4,2
120/140	PND	1500	PND	1,6	4,6	1,3	4,6	1,7	4,5	1,7	4,6			1,3	4,7
130/130	PND	1500	PND	1,6	4,6	1,3	4,6	1,7	4,5	1,7	4,6			1,3	4,7
140/140	PND	1500	PND	1,6	5,1										

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Commercial dimensions	UL	DL	AP	Performances per infill											
				Sunlite Control		Double vitrage		Triple vitrage		Sage Glass		ci alu standard		ci alu acoustique	
Bottom of upstand				Upstand height 420mm		Upstand height 420mm		Upstand height 420mm		Upstand height 420mm		Upstand height 420mm		Upstand height 420mm	
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
70/70	PND	1500	PND									1,6	2,2	1,5	2,2
70/100	PND	1500	PND									1,5	2,7	1,5	2,7
80/80	PND	1500	PND									1,5	2,5	1,5	2,5
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90/90	PND	1500	PND			1,6	2,9	1,4	2,9	1,6	2,9	1,5	2,9	1,5	2,9
100/100	PND	1500	PND	PND	PND	1,6	3,3	1,4	3,3			1,5	3,3	1,5	3,3
100/140	PND	1500	PND									1,5	4,2		
110/110	PND	1500	PND									1,5	3,7		
120/120	PND	1500	PND									1,4	4,2		
120/140	PND	1500	PND									1,4	4,7		
130/130	PND	1500	PND									1,4	4,7		
140/140	PND	1500	PND												

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