bluetek
De nature à créer le bien-être

DECLARATION OF PERFORMANCE OF A SKYLIGHT RANGE

According to Construction Products Council Directive UE

Productrange designation (§2*)

BLUESTEEL DV PNEU - BLUECOIF DV PNEU

List of alternatives :

BLUESTEEL DV PNEU (BIAISE)
BLUECOIF DV PNEU (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_15,1_BLUESTEEL DV PNEU - BLUECOIF DV PNEU_ANG *N° 15,1*

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 double flap, pneumatic 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 inclinaiton of the plan to support the upstand :
• Hinges parallel to the ridge : 3° (5%)
• Hinges perpendicular to the ridge for S/M/L models: 25°(46%)
(inclination limit 15° or 26% in case of coupling between pneumatic and electric cylinder)
• Hinges perpendicular to the ridge for XL model : 10°(18%)

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) Solar Factor (g) Complete skylight fire reaction Durability		td65	g	Fire reaction	Durability		§ 5.1 § 5.5 § 5.2
	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		
	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		
	Capot aluminium isolé	PND	PND	PND	PND		
	PCA32 opalescent	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 opalescent	0,5	0,41	Bs2d0	PND		
	PCA 16 Pearl Inside	0,43	0,45	Bs1d0	PND		
	PCA 20 Pearl Inside	0,4	0,44	Bs1d0	PND		
AP Air thightness Classification		See table below					§ 5.8
Urc / Arc	Infill only Ut =	PCA10	2,8	W/m²K			§ 5.9
		PCA16	2				
		PCA20	1,7				
		ci alu isolé	0,8				
		PCA32	1,15				
		BSL	1,07				
		PCA Pearl Inside16	2,1				
		PCA Pearl Inside20	1,9				
	Urc Ref	PND					
	Lanterneau complet	See table below					
	Complete skylight with other infills	PND					
Airbone noise indulation (Rw)		PND					§ 5.10

PND= Performance non determined

Productrange designation (§2*)

BLUESTEEL DV PNEU - BLUECOIF DV PNEU

List of alternatives :

BLUESTEEL DV PNEU (BIAISE)
BLUECOIF DV PNEU (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

Commercial dimensions Bottom of upstand cm	UL	DL	AP
140/250	2000	1500	PND
140/300	2000	1500	PND
150/250	2000	1500	PND
140/250	2000	1500	PND
140/300	2000	1500	PND
150/250	2000	1500	PND
150/300	2000	1500	PND
160/250	2000	1500	PND
160/300	2000	1500	PND
170/170	2000	1500	PND
180/180	2000	1500	PND
180/250	2000	1500	PND
180/280	2000	1500	PND
180/300	2000	1500	PND
190/190	2000	1500	PND
200/200	2000	1500	PND
200/250	2000	1500	PND
200/300	2000	1500	PND
210/210	2000	1500	PND
220/220	2000	1500	PND
230/300	2000	1500	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 responsability 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*

bluetek
De nature à créer le bien-être

DECLARATION OF PERFORMANCE OF A SKYLIGHT RANGE

According to Construction Products Council Directive UE

Productrange designation (§2*)

BLUESTEEL DV PNEU - BLUECOIF DV PNEU

List of alternatives :

BLUESTEEL DV PNEU (DROITE)
BLUECOIF DV PNEU (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_15_BLUESTEEL DV PNEU - BLUECOIF DV PNEU_ANG *N° 15*

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 double flap, pneumatic 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 inclinaiton of the plan to support the upstand :
• Hinges parallel to the ridge : 3° (5%)
• Hinges perpendicular to the ridge for S/M/L models: 25°(46%)
(inclination limit 15° or 26% in case of coupling between pneumatic and electric cylinder)
• Hinges perpendicular to the ridge for XL model : 10°(18%)

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) Solar Factor (g) Complete skylight fire reaction Durability		td65	g	Fire reaction	Durability	§ 5.1 § 5.5 § 5.2
	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	
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	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	
	Capot aluminium isolé	PND	PND	PND	PND	
	PCA32 opalescent	0,27	0,29	Bs2d0	ΔA, Cu0, Ku0	
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	BSL opale	0,41	0,35	Bs2d0	PND	
	BSL opalescent	0,5	0,41	Bs2d0	PND	
	PCA 16 Pearl Inside	0,43	0,45	Bs1d0	PND	
	PCA 20 Pearl Inside	0,4	0,44	Bs1d0	PND	
AP Air thightness Classification		See table below				§ 5.8
Urc / Arc	Infill only Ut =	PCA10 2,8 PCA16 2 PCA20 1,7 ci alu isolé 0,8 PCA32 1,15 BSL 1,07 PCA Pearl Inside16 2,1 PCA Pearl Inside20 1,9			W/m²K	§ 5.9
	Urc Ref	PND				
	Lanterneau complet	See table below				
	Complete skylight with other infills	PND				
Airbone noise indulation (Rw)		PND				§ 5.10

PND= Performance non determined

Productrange designation (§2*)

BLUESTEEL DV PNEU - BLUECOIF DV PNEU

List of alternatives :

BLUESTEEL DV PNEU (DROITE)
BLUECOIF DV PNEU (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

Commercial dimensions Bottom of upstand cm	UL	DL	AP
#VALEUR!			
120/210	2000	1500	PND
120/230	2000	1500	PND
120/240	2000	1500	PND
120/290	2000	1500	PND
130/300	2000	1500	PND
140/240	2000	1500	PND
120/200	2000	1500	PND
120/210	2000	1500	PND
120/260	2000	1500	PND
130/200	2000	1500	PND
130/210	2000	1500	PND
130/250	2000	1500	PND
130/300	2000	1500	PND
140/240	2000	1500	PND
140/250	2000	1500	PND
150/280	2000	1500	PND
160/200	2000	1500	PND
160/230	2000	1500	PND
160/250	2000	1500	PND
160/260	2000	1500	PND
170/240	2000	1500	PND
170/290	2000	1500	PND
180/210	2000	1500	PND
180/220	2000	1500	PND
190/200	2000	1500	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 responsability 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*