**Product range designation (§2*)**

# BLUEBAC AIR

**List of alternatives :**

**BLUEBAC AIR ELEC (B1) / BLUEBAC AIR MANUEL (B1) / BLUEBAC AIR PNEU (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*

**DECLARATION OF PERFORMANCE OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

*DOP_EN1873_302,1_BLUEBAC AIR_ANG* *N° 302,1*

*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*)**

Openable skylight for daily ventilation and zenithal lighting
Polyester upstand Height minimum 300mm

**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
UL 3000 (Area at the top of the usptand ≤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 with a fall-arrest device | | | | § 5.4.3.2 |
| | Small sized hard body | Succeed | | | | § 5.4.3.1 |
| Total light transmission (td65)<br>Solar Factor (g)<br>Complete skylight fire reaction<br>Durability | | td65 | g | Fire reaction | Durability | § 5.1<br>§ 5.5<br>§ 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 | |
| | PCA10 4 parois Calor Control | PND | PND | Bs2d0 | PND | |
| | 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 | |
| | BSL opale | 0,41 | 0,35 | Bs2d0 | PND | |
| | BSL opalescent | 0,5 | 0,41 | Bs2d0 | PND | |
| | ci aluminium isolé | PND | PND | PND | PND | |
| | SD PC incolore | 0,92 | 0,94 | Bs2d0 | ΔI, Cu1, Ku1 | |
| | SD PC opale | 0,8 | 0,83 | Bs2d0 | ΔI, Cu1, Ku1 | |
| | SD PMMA XT incolore | 0,92 | 0,94 | E | ΔI, Cu0, Ku1 | |
| | SD PMMA XT opale | 0,85 | 0,87 | E | ΔI, Cu0, Ku1 | |
| | SD Pyramidal PMMA XT 3 mm incolore | 0,92 | 0,94 | E | ΔI, Cu0, Ku1 | |
| | SD Pyramidal PMMA XT 3 mm opale | 0,85 | 0,87 | E | ΔI, Cu0, Ku1 | |
| | SD Pyramidal PC incolore | 0,92 | 0,94 | Bs2d0 | ΔI, Cu1, Ku1 | |
| | SD Pyramidal PC opale | 0,8 | 0,83 | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD Choc PC incolore | 0,85 | 0,87 | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD Choc PC opale | 0,65 | PND | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD Pyramidal PC incolore | 0,85 | PND | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD Pyramidal PC opale | 0,65 | PND | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD PC incolore | 0,85 | 0,87 | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD PC opale | 0,65 | PND | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD PMMA incolore | 0,85 | PND | E | ΔI, Cu1, Ku1 | |
| | DD PMMA opale | 0,78 | PND | E | ΔI, Cu1, Ku1 | |
| | DD Pyramidal PMMA incolore | 0,85 | PND | E | ΔI, Cu1, Ku1 | |
| | DD Pyramidal PMMA opale | 0,78 | PND | E | ΔI, Cu1, Ku1 | |
| | 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 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 | |
| AP Air thightness Classification | | See table below | | | | § 5.8 |
| Urc / Arc | Infill only<br>Ut = | PCA10 2,8<br>PCA16 2<br>BSL 1,07<br>ci alu isolé 0,8<br>Simple dôme 5,3<br>Simple dôme pyramidal 5,3<br>Double dôme choc 2,8<br>Double dôme pyramidal 2,8<br>Double dôme 2,8<br>PCA10+dôme 2,8<br>PCA16+dôme 2<br>PCA20+dôme 1,7<br>PCA10+pyramide 2,8<br>PCA16+pyramide 2<br>PCA20+pyramide 1,7 | | | 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*

**Product range designation (§2*)**

# BLUEBAC AIR

**List of alternatives :**

**BLUEBAC AIR ELEC (B1) / BLUEBAC AIR MANUEL (B1) / BLUEBAC AIR PNEU (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*

**DECLARATION OF PERFORMANCE**
**OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

***DOP_EN1873_302,1_BLUEBAC AIR_ANG*** *N° 302,1*

| Commercial dimensions<br>Bottom of upstand<br>cm | UL | DL | AP |
|---|---|---|---|
| 110/110 | 1500 | 3000 | PND |
| 120/120 | 1500 | 3000 | PND |
| 130/130 | 1500 | 3000 | PND |
| 150/150 | 1500 | 3000 | PND |
| 180/180 | 1500 | 3000 | PND |
| 80/110 | 1500 | 3000 | PND |
| 110/150 | 1500 | 3000 | PND |
| 110/160 | 1500 | 3000 | PND |
| 110/210 | 1500 | 3000 | PND |
| 130/160 | 1500 | 3000 | PND |
| 130/180 | 1500 | 3000 | 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 26/06/2017 in Luynes

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

**Product range designation (§2*)**

# BLUEBAC AIR

**List of alternatives :**

**BLUEBAC AIR ELEC (B2) / BLUEBAC AIR MANUEL (B2) / BLUEBAC AIR PNEU (B2)**

**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_302,2_BLUEBAC AIR_ANG* *N° 302,2*

*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*)**
Openable skylight for daily ventilation and zenithal lighting
Polyester upstand Height minimum 300mm

**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
UL 3000 (Area at the top of the usptand ≤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 with a fall-arrest device | | | | | § 5.4.3.2 |
| | Small sized hard body | Succeed | | | | | § 5.4.3.1 |
| Total light transmission (td65)<br>Solar Factor (g)<br>Complete skylight fire reaction<br>Durability | | td65 | g | Fire reaction | Durability | | § 5.1<br>§ 5.5<br>§ 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 | | |
| | PCA10 4 parois Calor Control | PND | PND | Bs2d0 | PND | | |
| | 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 | | |
| | BSL opale | 0,41 | 0,35 | Bs2d0 | PND | | |
| | BSL opalescent | 0,5 | 0,41 | Bs2d0 | PND | | |
| | ci aluminium isolé | PND | PND | PND | PND | | |
| | SD PC incolore | 0,92 | 0,94 | Bs2d0 | ΔI, Cu1, Ku1 | | |
| | SD PC opale | 0,8 | 0,83 | Bs2d0 | ΔI, Cu1, Ku1 | | |
| | SD PMMA XT incolore | 0,92 | 0,94 | E | ΔI, Cu0, Ku1 | | |
| | SD PMMA XT opale | 0,85 | 0,87 | E | ΔI, Cu0, Ku1 | | |
| | SD Pyramidal PMMA XT 3 mm incolore | 0,92 | 0,94 | E | ΔI, Cu0, Ku1 | | |
| | SD Pyramidal PMMA XT 3 mm opale | 0,85 | 0,87 | E | ΔI, Cu0, Ku1 | | |
| | SD Pyramidal PC incolore | 0,92 | 0,94 | Bs2d0 | ΔI, Cu1, Ku1 | | |
| | SD Pyramidal PC opale | 0,8 | 0,83 | Bs2d0 | ΔI, Cu1, Ku1 | | |
| | DD Choc PC incolore | 0,85 | 0,87 | Bs2d0 | ΔI, Cu1, Ku1 | | |
| | DD Choc PC opale | 0,65 | PND | Bs2d0 | ΔI, Cu1, Ku1 | | |
| | DD Pyramidal PC incolore | 0,85 | PND | Bs2d0 | ΔI, Cu1, Ku1 | | |
| | DD Pyramidal PC opale | 0,65 | PND | Bs2d0 | ΔI, Cu1, Ku1 | | |
| | DD PC incolore | 0,85 | 0,87 | Bs2d0 | ΔI, Cu1, Ku1 | | |
| | DD PC opale | 0,65 | PND | Bs2d0 | ΔI, Cu1, Ku1 | | |
| | DD PMMA incolore | 0,85 | PND | E | ΔI, Cu1, Ku1 | | |
| | DD PMMA opale | 0,78 | PND | E | ΔI, Cu1, Ku1 | | |
| | DD Pyramidal PMMA incolore | 0,85 | PND | E | ΔI, Cu1, Ku1 | | |
| | DD Pyramidal PMMA opale | 0,78 | PND | E | ΔI, Cu1, Ku1 | | |
| | 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 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 | | |
| AP Air thightness Classification | | See table below | | | | | § 5.8 |
| Urc / Arc | Infill only<br>Ut = | PCA10 | 2,8 | W/m²K | | | § 5.9 |
| | | PCA16 | 2 | | | | |
| | | BSL | 1,07 | | | | |
| | | ci alu isolé | 0,8 | | | | |
| | | Simple dôme | 5,3 | | | | |
| | | Simple dôme pyramidal | 5,3 | | | | |
| | | Double dôme choc | 2,8 | | | | |
| | | Double dôme pyramidal | 2,8 | | | | |
| | | Double dôme | 2,8 | | | | |
| | | PCA10+dôme | 2,8 | | | | |
| | | PCA16+dôme | 2 | | | | |
| | | PCA20+dôme | 1,7 | | | | |
| | | PCA10+pyramide | 2,8 | | | | |
| | | PCA16+pyramide | 2 | | | | |
| | | PCA20+pyramide | 1,7 | | | | |
| | 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*

**Product range designation (§2*)**

# BLUEBAC AIR

**List of alternatives :**

**BLUEBAC AIR ELEC (B2) / BLUEBAC AIR MANUEL (B2) / BLUEBAC AIR PNEU (B2)**

**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_302,2_BLUEBAC AIR_ANG*** *N° 302,2*

| Commercial dimensions<br>Bottom of upstand<br>cm | UL | DL | AP |
|---|---|---|---|
| 120/120 | 1500 | 3000 | PND |
| 140/140 | 1500 | 3000 | PND |
| 150/150 | 1500 | 3000 | PND |
| 160/160 | 1500 | 3000 | PND |
| 170/170 | 1500 | 3000 | PND |
| 180/180 | 1500 | 3000 | PND |
| 110/130 | 1500 | 3000 | PND |
| 110/170 | 1500 | 3000 | PND |
| 120/150 | 1500 | 3000 | PND |
| 120/170 | 1500 | 3000 | PND |
| 120/220 | 1500 | 3000 | PND |
| 140/190 | 1500 | 3000 | PND |
| 150/180 | 1500 | 3000 | PND |
| 160/180 | 1500 | 3000 | PND |
| 160/220 | 1500 | 3000 | PND |
| 180/220 | 1500 | 3000 | 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 26/06/2017 in Luynes

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

**Product range designation (§2*)**

# BLUEBAC AIR

**List of alternatives :**

**BLUEBAC AIR ELEC (DR) / BLUEBAC AIR MANUEL (DR) / BLUEBAC AIR PNEU (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*
*- 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_302_BLUEBAC AIR_ANG*** *N° 302*

*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 daily ventilation and zenithal lighting
Polyester upstand Height minimum 300mm

**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
UL 3000 (Area at the top of the usptand ≤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 with a fall-arrest device | | | | § 5.4.3.2 |
| | Small sized hard body | Succeed | | | | § 5.4.3.1 |
| Total light transmission (td65)<br>Solar Factor (g)<br>Complete skylight fire reaction<br>Durability | | td65 | g | Fire reaction | Durability | § 5.1<br>§ 5.5<br>§ 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 | |
| | PCA10 4 parois Calor Control | PND | PND | Bs2d0 | PND | |
| | 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 | |
| | BSL opale | 0,41 | 0,35 | Bs2d0 | PND | |
| | BSL opalescent | 0,5 | 0,41 | Bs2d0 | PND | |
| | ci aluminium isolé | PND | PND | PND | PND | |
| | SD PC incolore | 0,92 | 0,94 | Bs2d0 | ΔI, Cu1, Ku1 | |
| | SD PC opale | 0,8 | 0,83 | Bs2d0 | ΔI, Cu1, Ku1 | |
| | SD PMMA XT incolore | 0,92 | 0,94 | E | ΔI, Cu0, Ku1 | |
| | SD PMMA XT opale | 0,85 | 0,87 | E | ΔI, Cu0, Ku1 | |
| | SD Pyramidal PMMA XT 3 mm incolore | 0,92 | 0,94 | E | ΔI, Cu0, Ku1 | |
| | SD Pyramidal PMMA XT 3 mm opale | 0,85 | 0,87 | E | ΔI, Cu0, Ku1 | |
| | SD Pyramidal PC incolore | 0,92 | 0,94 | Bs2d0 | ΔI, Cu1, Ku1 | |
| | SD Pyramidal PC opale | 0,8 | 0,83 | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD Choc PC incolore | 0,85 | 0,87 | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD Choc PC opale | 0,65 | PND | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD Pyramidal PC incolore | 0,85 | PND | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD Pyramidal PC opale | 0,65 | PND | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD PC incolore | 0,85 | 0,87 | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD PC opale | 0,65 | PND | Bs2d0 | ΔI, Cu1, Ku1 | |
| | DD PMMA incolore | 0,85 | PND | E | ΔI, Cu1, Ku1 | |
| | DD PMMA opale | 0,78 | PND | E | ΔI, Cu1, Ku1 | |
| | DD Pyramidal PMMA incolore | 0,85 | PND | E | ΔI, Cu1, Ku1 | |
| | DD Pyramidal PMMA opale | 0,78 | PND | E | ΔI, Cu1, Ku1 | |
| | 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 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 | |
| AP Air thightness Classification | | See table below | | | | § 5.8 |
| Urc / Arc | Infill only<br>Ut = | PCA10 2,8<br>PCA16 2<br>BSL 1,07<br>ci alu isolé 0,8<br>Simple dôme 5,3<br>Simple dôme pyramidal 5,3<br>Double dôme choc 2,8<br>Double dôme pyramidal 2,8<br>Double dôme 2,8<br>PCA10+dôme 2,8<br>PCA16+dôme 2<br>PCA20+dôme 1,7<br>PCA10+pyramide 2,8<br>PCA16+pyramide 2<br>PCA20+pyramide 1,7 | | | 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*

**Product range designation (§2*)**

# BLUEBAC AIR

**List of alternatives :**

**BLUEBAC AIR ELEC (DR) / BLUEBAC AIR MANUEL (DR) / BLUEBAC AIR PNEU (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*
*- 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_302_BLUEBAC AIR_ANG*** *N° 302*

| Commercial dimensions<br>Bottom of upstand<br>cm | UL | DL | AP |
|---|---|---|---|
| 70/70 | 1500 | 3000 | PND |
| 80/80 | 1500 | 3000 | PND |
| 120/120 | 1500 | 3000 | PND |
| 140/140 | 1500 | 3000 | PND |
| 160/160 | 1500 | 3000 | PND |
| 180/180 | 1500 | 3000 | PND |
| 100/120 | 1500 | 3000 | PND |
| 100/140 | 1500 | 3000 | PND |
| 100/180 | 1500 | 3000 | PND |
| 100/200 | 1500 | 3000 | PND |
| 110/170 | 1500 | 3000 | PND |
| 120/150 | 1500 | 3000 | PND |
| 120/200 | 1500 | 3000 | PND |
| 140/160 | 1500 | 3000 | PND |
| 150/180 | 1500 | 3000 | PND |
| 160/200 | 1500 | 3000 | 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 26/06/2017 in Luynes

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

**Product range designation (§2*)**

# BLUEBAC AIR

**List of alternatives :**

**BLUEBAC AIR TREUIL (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*

**DECLARATION OF PERFORMANCE OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE

***DOP_EN1873_304,1_BLUEBAC AIR_ANG*** *N° 304,1*

*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*)**
Openable skylight for daily ventilation and zenithal lighting
Polyester upstand Height minimum 300mm

**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
UL 3000 (Area at the top of the usptand ≤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 with a fall-arrest device | | | | § 5.4.3.2 |
| | Small sized hard body | Succeed | | | | § 5.4.3.1 |
| | | td65 | g | Fire reaction | Durability | § 5.1 § 5.5 § 5.2 |
| Total light transmission (td65) Solar Factor (g) Complete skylight 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 | |
| | PCA 16 Pearl Inside opaque | 0 | PND | Bs2d0 | PND | |
| | PCA 16 Pearl Inside Calor Control | PND | PND | Bs2d0 | PND | |
| | BSL opale | 0,41 | 0,35 | Bs2d0 | PND | |
| | BSL opalescent | 0,5 | 0,41 | Bs2d0 | PND | |
| | ci aluminium isolé | PND | PND | PND | PND | |
| AP Air thightness Classification | | See table below | | | | § 5.8 |
| Urc / Arc | Infill only Ut = | PCA16 2<br>PCA20 1,7<br>PCA32 1,15<br>PCA Pearl Inside16 2,1<br>BSL 1,07<br>ci alu isolé 0,8<br>PCA10+pyramide 2,8<br>PCA10+dôme 2,8 | | | W/m²K | § 5.9 |
| | Urc Ref | PND | | | | |
| | Complete rooflight for : | See table below | | | | |
| | Complete skylight with other infills | PND | | | | |
| Airbone noise indulation (Rw) | | PND | | | | § 5.10 |

*PND= Performance non determined*

**Product range designation (§2*)**

# BLUEBAC AIR

**List of alternatives :**

**BLUEBAC AIR TREUIL (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*

**DECLARATION OF PERFORMANCE OF A SKYLIGHT RANGE**

According to Construction Products Council Directive UE



| | | | |
|---|---|---|---|
| Commercial dimensions | UL | DL | AP |
| Bottom of upstand | | | |
| cm | | | |

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 26/06/2017 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 AIR

**List of alternatives :**

**BLUEBAC AIR TREUIL**

**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_304,2_BLUEBAC AIR_ANG* *N° 304,2*

*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*)**
Openable skylight for daily ventilation and zenithal lighting
Polyester upstand Height minimum 300mm

**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
UL 3000 (Area at the top of the usptand ≤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 with a fall-arrest device | | | | § 5.4.3.2 |
| | Small sized hard body | Succeed | | | | § 5.4.3.1 |
| Total light transmission (td65)<br>Solar Factor (g)<br>Complete skylight fire reaction<br>Durability | | td65 | g | Fire reaction | Durability | § 5.1<br>§ 5.5<br>§ 5.2 |
| | 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 | |
| | PCA 16 Pearl Inside opaque | 0 | PND | Bs2d0 | PND | |
| | PCA 16 Pearl Inside Calor Control | PND | PND | Bs2d0 | PND | |
| | BSL opale | 0,41 | 0,35 | Bs2d0 | PND | |
| | BSL opalescent | 0,5 | 0,41 | Bs2d0 | PND | |
| | ci aluminium isolé | PND | PND | PND | PND | |
| AP Air thightness Classification | | See table below | | | | § 5.8 |
| Urc / Arc | Infill only<br>Ut = | PCA16 2<br>PCA20 1,7<br>PCA32 1,15<br>PCA Pearl Inside16 2,1<br>BSL 1,07<br>ci alu isolé 0,8<br>PCA10+pyramide 2,8<br>PCA10+dôme 2,8 | | | W/m²K | § 5.9 |
| | Urc Ref | PND | | | | |
| | Complete rooflight for : | See table below | | | | |
| | Complete skylight with other infills | PND | | | | |
| Airbone noise indulation (Rw) | | PND | | | | § 5.10 |

*PND= Performance non determined*

**Product range designation (§2*)**

# BLUEBAC AIR

**List of alternatives :**

**BLUEBAC AIR TREUIL**

**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 | UL | DL | AP |
| Bottom of upstand | | | |
| cm | | | |

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 26/06/2017 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 AIR

**List of alternatives :**

**BLUEBAC AIR TREUIL (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*
*- its full designation : product range designation + alternative + infill + dimensions*

***DOP_EN1873_304_BLUEBAC AIR_ANG*** ***N° 304***

*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 daily ventilation and zenithal lighting
Polyester upstand Height minimum 300mm

**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
UL 3000 (Area at the top of the usptand ≤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 with a fall-arrest device | | | | § 5.4.3.2 |
| | Small sized hard body | Succeed | | | | § 5.4.3.1 |
| Total light transmission (td65)<br>Solar Factor (g)<br>Complete skylight fire reaction<br>Durability | | td65 | g | Fire reaction | Durability | § 5.1<br>§ 5.5<br>§ 5.2 |
| | 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 | |
| | PCA 16 Pearl Inside opaque | 0 | PND | Bs2d0 | PND | |
| | PCA 16 Pearl Inside Calor Control | PND | PND | Bs2d0 | PND | |
| | BSL opale | 0,41 | 0,35 | Bs2d0 | PND | |
| | BSL opalescent | 0,5 | 0,41 | Bs2d0 | PND | |
| | ci aluminium isolé | PND | PND | PND | PND | |
| AP Air thightness Classification | | See table below | | | | § 5.8 |
| Urc / Arc | Infill only<br>Ut = | PCA16 2<br>PCA20 1,7<br>PCA32 1,15<br>PCA Pearl Inside16 2,1<br>BSL 1,07<br>ci alu isolé 0,8<br>PCA10+pyramide 2,8<br>PCA10+dôme 2,8 | | | W/m²K | § 5.9 |
| | Urc Ref | PND | | | | |
| | Complete rooflight for : | See table below | | | | |
| | Complete skylight with other infills | PND | | | | |
| Airbone noise indulation (Rw) | | PND | | | | § 5.10 |

*PND= Performance non determined*

**Product range designation (§2*)**

# BLUEBAC AIR

**List of alternatives :**

**BLUEBAC AIR TREUIL (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*
*- 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_304_BLUEBAC AIR_ANG*** *N° 304*

| Commercial dimensions<br>Bottom of upstand<br>cm | UL | DL | AP |
|---|---|---|---|
| 50/50 | 1500 | 3000 | PND |
| 70/70 | 1500 | 3000 | PND |
| 80/80 | 1500 | 3000 | 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 26/06/2017 in Luynes

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