

Create date : le 15/10 /2024

Reference de DOP : PER

**2. Range designation :**

**PYROPASS EVOLUTION RPT**

Product concerned :

*PYROPASS EVOLUTION PNEULATIQUE RPT*  
*PYROPASS EVOLUTION ELECTRIQUE RPT*  
*PYROPASS EVOLUTION TREUIL RPT*

**4. Manufacturer :**

SKYDOME SAS - Entre deux villes -- 02270 Sons et Ronchères - France - Siege social & production

**3. Product description**

- Single panel according to configuration ordered
- Metal base HT mini 400mm
- Dimensions range 100 x 100 cm

**3.1 Possible option :**

- Fall-trough protection, grid with wire Ø6 mm
- Lock
- Ladder grip bar

**3.2 Intended use : ROOF ACCESSORY**

**3.3 Conditions of use and installation to meet certified performance:**

Maximum permissible incline when installed in roof: 15°

**6. Systems for assessment and verification of consistency of performance:**

The notified body FIRES N°1396 issued a certificate of constancy of performances according to Appendix ZA of EN 12101-2 :2003 system 1 standard, based on factory initial inspection, production controls and continuous supervision.

**7. Construction product covered by harmonized standart EN 12101-2 :**

CE Certificat N°1396-CPR-0254

**9. Declared performance :**

Critères	Performances	Références Normatives
Opening geometric surface (SGO)	1m <sup>2</sup>	EN 12101-2, §6, annexes B
Thermal trigger temperature	93°C / 110°C / 130°C / 140°C / 183°C	EN 12101-2, § 4.1
Opening type	Type B	EN 12101-2, § 4.3
Reliability	EL : Re 300 + 10000 aeration (opening à 45°)	EN 12101-2, § 7.1, annexe C
Opening under load	Vitrage : SL 250 PCA, ALU : SL 500	EN 12101-2, § 7.2, annexe D
Low temperature	T(00)	EN 12101-2, § 7.3, annexe E
Wind load	TC : WL1500 EL, PN : WL 3000	EN 12101-2, § 7.4, annexe F
Heat resistance	B <sub>300</sub>	EN 12101-2, § 7.5, annexe G

Fire reaction	PCA : B-S1, d0 / ALU or glazing : A2-s1-d0	EN 12101-2, § 7.5.2.1
Outside fire performance	PND	EN 1873, §5.7
Water tightness	Succes	EN 1873, §5.3
Impact resistance - small sized hard body	Succes	EN 1873, §5.4.3.1
Fall trough protection - 1200J	SB1200	EN 1873, §5.4.3.2
Thermal transmittance : Urc, ref300	With PCA 16/5 : 1.7 W/m <sup>2</sup> .K - Arc = 3.1 m <sup>2</sup> With PCA 16/3 Aerotech : 1.6 W/m <sup>2</sup> .K - Arc = 3.1 m <sup>2</sup> With PCA 32/5 : 1.5 W/m <sup>2</sup> .K - Arc = 3.31 m <sup>2</sup> Whith capot ALU : 1.7 W/m <sup>2</sup> .K - Arc = 3.1 m <sup>2</sup> Whith glazing : 1.6 ou 1.7 W/m <sup>2</sup> .K - Arc = 3.36 m <sup>2</sup>	EN 1873, §5.9.2.1
Thermal transmittance panels	PCA 16/5 : Ug = 1.9 W/m <sup>2</sup> .K PCA 16/3 Aerotech : Ug = 1.5 W/m <sup>2</sup> .K PCA 32/5 : Ug = 1.5 W/m <sup>2</sup> .K Capot ALU : Ug = 0.95 W/m <sup>2</sup> .K Glazing : Ug = 1.7 ou 1.8 W/m <sup>2</sup> .K	EN 1873, §5.9.2.2
Acoustic attenuation	With PCA 32/5 Rw=19 (0;0) dB With ALU Rw=24 (0;-2) dB With glazing 6/16/44.2A Rw=31 (-1;-2) dB (Intensity level generated by the rain : Lia=53 dB)	EN 1873, §5.10
Light transmission factor	PCA 16/5 opale : $\tau_{D65}$ = 0.46 PCA 16/5 incolore : $\tau_{D65}$ = 0.66 PCA 16/3 Aerotech : $\tau_{D65}$ = 0.67 PCA 32/5 opale : $\tau_{D65}$ = 0.38 PCA 32/5 incolore : $\tau_{D65}$ = 0.50 Glazing : according to glazing chosen	EN 1873, §5.11
Air permeability	Classe AP = 0.20 *Value obtained for a test carried out on a device of dimensions 1000x1000	EN 1873, §5.8
Burability	PCA : ΔA, Cu 0, Ku 0	EN 1873, §5.2
Aerodynamic free area	Aa : 0.135	EN 12101-2, § 4.4

In case of reclamation, the references of tests reports, date of issue, name of the test body would be communicated by the continuous supervision notified body.

10. The performances of the product identified in points 1 and 2 are conform to the performances declared in point 9. This Declaration Of Performances is established under the only responsibility of the manufacturer identified in point 4

Signed for and on behalf of the manufacturer by Thierry Badet, Directeur Général , à Sons et Ronchères.

