

2. Description of the range:

SKYBAIE PNEU

4. Name and business name of manufacturer :

SKYDOME SAS - Entre deux villes -- 02270 Sons et Ronchères - Head office & production

3. Product description

- Tilting, exterior opening 60°, pneumatic energy, installed on the front
- Integrated mechanism
- Aluminium chassis with thermal break

3.1 Possible option :

- Position switch
- Available in air supply version

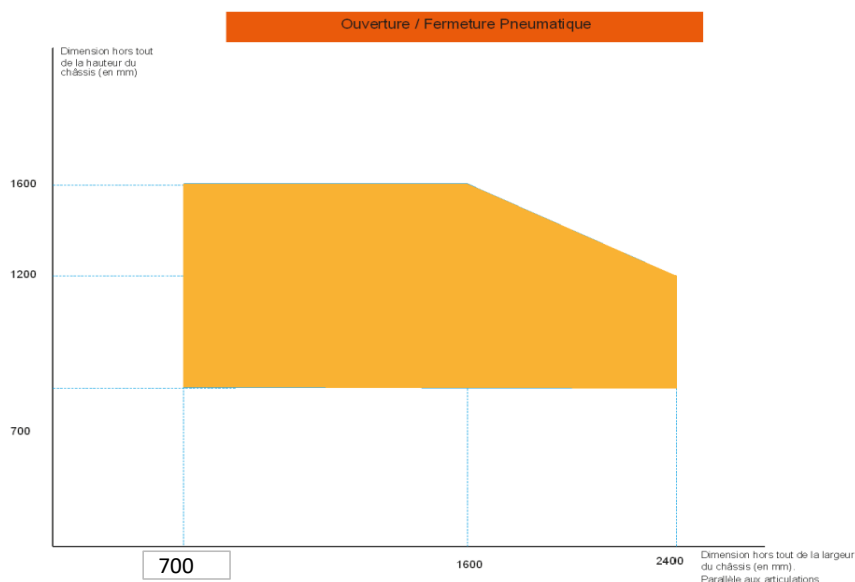
3.2 Intended Use :

- Facade and or renovation in facade

3.3 Conditions of use and implementation related to certified

- Installation perpendicular to the plane

Dimensional range :



6. Systems for evaluating and verifying the constancy of the performance of the construction product


The notified body AFNOR CERTIFICATION N°0333 has issued a certificate of constancy of performance in accordance with Annex ZA of EN 12101-2:2003 according to system 1 based on the initial factory inspection, factory production control and continuous monitoring of factory production control.☑

7. Construction product covered by harmonised standard EN 12101-2:

CE Certificate N° 0333 - CPR - 219085 Valid until 28/01/2026

9. Declared performance :

Criteria	Performance	Normative references
Useful opening area Aa	Between 0,10 & 1,16	EN 12101-2, §6, annexes B
Thermal trigger temperature	Not applicable	EN 12101-2, § 4.1
Opening the evacuation device	Type B	EN 12101-2, § 4.3
Reliability	Cycle of 10 000 (aeration) + 1000 in smoke extraction	EN 12101-2, § 7.1, annex C
Opening under load	SL 0	EN 12101-2, § 7.2, annex D
Low ambient temperature	T(00)	EN 12101-2, § 7.3, annex E
Wind load	WL1500	EN 12101-2, § 7.4, annex F
Heat resistance	B300	EN 12101-2, § 7.5, annex G
Reaction to fire	All glass products are classified A1 except SGG STADIP classified M1 or M2 -- PCA ≥16mm: B - s2,d0	EN 12101-2, § 7.5.2.1 EN 1873, § 5.5
Outdoor fire performance	PND	EN 1873, § 5.7
Water sealing	Success	EN 1873, § 5.3
Impact resistance: Small hard body: 900J	PND	EN 1873, § 5.4.3.1 EN 1873, § 5.4.3.2
Thermal conductance : Uw	Contact us	EN 1873, § 5.9.2.1
Thermal conductance: glazing	Next filling	EN 1873, § 5.9.2.2
Direct airborne noise insulation (glazing)	Next filling	EN 1873, §5.10
Light transmittance Factor glazing	Next filling	EN 1873, §5.1
AEV Ranking	A*2-E*9A-V*C2	
Durability	PCA 16 : ΔD, Cu 0, Ku 0	EN 1873, § 5.2

10. The performance of the product identified in points 1 and 2 shall be consistent with the declared performance set out in point 9. This declaration of performance is drawn up under the sole responsibility of the manufacturer identified in point 4. 

		Opening pressure at 8 bar																
		Reclosing pressure.																
	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
700	6	7	8	9	10	11	12	14	15	16	17	18	19	20	20	20	20	20
800	6	7	8	9	10	11	12	13	14	15	16	16	16	16	16	16	16	16
900	7	8	9	11	12	13	14	15	17	17	17	17	17	17	17	17	17	17
1000	7	8	9	10	11	12	13	14	14	14	14	14	14	14	14	14	14	14
1100	7	8	9	10	12	13	13	13	13	13	13	13	13	13	13	13	13	13
1200	8	9	11	12	13	14	14	14	14	14	14	14	14	14	14	14	14	14
1300	9	10	12	13	14	14	14	14	14	14	14	14	14	14	14	14		
1400	9	11	13	14	14	14	14	14	14	14	14	14	14	14				
1500	11	12	14	15	15	15	15	15	15	15	15	15						
1600	12	14	15	15	15	15	15	15	15	15								

10. The performance of the product identified in points 1 and 2 shall be consistent with the declared performance set out in point 9. This declaration of performance is drawn up under the sole responsibility of the manufacturer identified in point 4.

Signed for the manufacturer and on his behalf by Thierry Badet, Managing Director, in Sons et Ronchères.
Updated on 26/07/2022