Creation date : 19/05/2022
DOP reference: VAR

2. Designation of the range : Voute Arcade

4. Name and business name of manufacturer :
SKYDOME SAS - Entre deux villes - 02270 Sons et Ronchères - France - Head office

3. Product description

- Scrolling vault of Zenithal illumination
- Metal or sand pit
- Dimensional range
  - Mini rope 1.0m with maximum rope of 5.0m following filling

3.1 Possible option :

- Fixed grid 1200 joules, wire of Ø6 or tube 16x16

3.2 Intended use : ROOF

3.3 Conditions of use and implementation related to certified performance

- Maximum inclination allowed in the direction of the creeping
  - Ithe slope of the roof must be such that the vault forms "drop of water"

upstream on each long bank, contact us

- Maximum inclination allowed Parallel to the ridge:
  - 30% or 16.7° (beyond consult us)

6. Systems for evaluating and verifying the constancy of the performance of the construction product
System 3 according to Annex ZA of European standard EN 1873
List of laboratories :
CSTC : NB 1136
CSTB : NB 0679
LNE : NB 0071

9. Declared performances :

Criteria	Performance	Normative references
Resistance to ascending	**UL 800** Polycarbonnate Alveolar 10 mm centre distance 1070 mm (4m rope vault) and reinforcement 1200J **UL 1300** Cellular polycarbonate 16 mm centre distance 1070 mm (4m rope vault) and reinforcement 1200J **UL 1000** Alveolar polycarbonnate 16 mm centre distance 1070 mm (Vault 5m rope) Carrier reinforce and reinforcement 1200J	EN 1873, § 5.4.1
Resistance to downward	**DL 300** Polycarbonnate Alvéolaire 10 mm entraxe 1070 (voute corde 4m) et renfort 1200J **DL 500** Polycarbonnate Alvéolaire 16 mm entraxe 1070 (voute corde 4m) et renfort 1200J **DL 850** Polycarbonnate alveolaire 16 mm entraxe 1070 mm (Voute Corde 5m) Porteur renforcer et renfort 1200J	EN 1873, § 5.4.2
Reaction to fire	PCA : See table of fillings Steel: M0 Alu : M0	EN 1873, § 5.5

Outdoor fire performance	F roof	EN 1873, § 5.7
Fire resistance	PND	EN 1873 § 5.6
Water sealing	Success	EN 1873, § 5.3
Impact resistance: Small hard body: 1200J (Grid)	Success 1200j	EN 1873, § 5.4.3.1 EN 1873, § 5.4.3.2
Thermal conductance : Urc	PND	EN 1873, § 5.9.2.1

Thermal conductance : plate	See table of fillings	EN 1873, § 5.9.2.2
Direct airborne noise insulation (plate)	See table of fillings	EN 1873, §5.10
Light transmission factor plate	See table of fillings	EN 1873, §5.1
Durability	PCA 10 : ΔA, Cu 0, Ku 0 - / - 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.

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