

2. Range designation : EQUILUXWOOD

Product variants concerned : EQUILUXWOOD

4. Name and business name of manufacturer :

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

3. Product description

- Aeration, electrical energy, installed on the roof
- Wood upstand ht310mm mini
- Styling upstand (enhancement) chamfered ht170 mini
- Dimensional range (high hopper):
060x060, 060x090, 080x080, 080x120, 090x090, 100x100, 100x200, 120x120, 140x140, 150x150.

3.1 Possible option :

3.2 Intended use : ROOF

3.3 Conditions of use and implementation related to certified performance

- Maximum permissible inclination of the appliance in the roof
 - 15° or 26 % (see installation instructions)

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

System 3 following Annex ZA of European Standard EN 1873

List of laboratories:

CSTC : NB 1136

CSTB : NB 0679

LNE : NB 0071

KPF : NB 1703

9. Performances déclarées :

Criteria	Performance	Normative references
Reliability	PND	EN 12101-2, § 7.1, annex C
Low ambient temperature	T(00)	EN 12101-2, § 7.3, annex E
Heat resistance	B300	EN 12101-2, § 7.5, annex G
Reaction to fire	PCA : See table of fillings E	EN 12101-2, § 7.5.2.1 EN 1873, § 5.5
Outdoor fire	PND	EN 1873, § 5.7
Outdoor fire performance	F roof	
Water sealing	Success	EN 1873, § 5.3
Impact resistance	Success 1200 J	EN 1873, § 5.4.3.1 EN 1873, § 5.4.3.2
Thermal conductance : U _{rc}	See table of URC	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
Air permeability	See performance charts	EN 1873, §5.8
UL Upload Resistance	2500	
DL download resistance	5000	
Durability	PCA 10 : ΔA, Cu 0, Ku 0 PCA 16 : ΔD, Cu 0, Ku 0	EN 1873, § 5.2

DIMENSIONS Hopper (in m)	Illuminance surface	Class AP 0,1		Light transmission
		Air flow (m3/h)		
		Under 4 Pa	Under 50 Pa	
0,60 x 0,60	0,36	0	0,12	80%
0,80 x 0,80	0,64	0	0,16	80%
0,90 x 0,90	0,81	0	0,18	80%
1,00 x 1,00	1	0	0,2	80%
1,20 x 1,20	1,44	0	0,24	80%
1,40 x 1,40	1,96	0	0,28	80%
1,50 x 1,50	2,25	0	0,3	80%
0,60 x 0,90	0,54	0	0,15	80%
0,80 x 1,20	0,96	0	0,2	80%
1,00 x 2,00	2	0	0,22	80%

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