



Installation and maintenance instructions

ROOFAERATION

Designation and commercial reference: ROOFAERATION

DOP

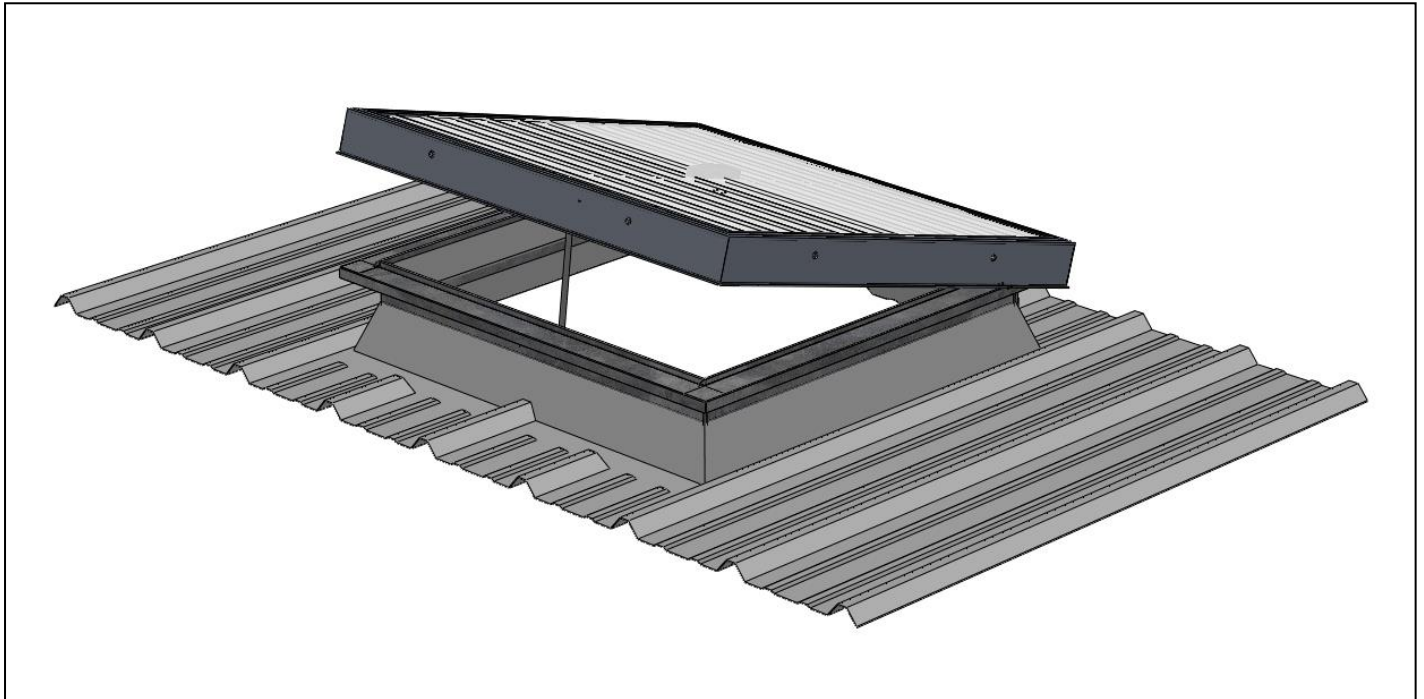
RAE

Reference standard:

NF EN 1873

Warning:

This notice cannot constitute a contractual document; the manufacturer reserves the right to make without notice any modification he deems useful.





Installation and maintenance instructions

Roofaeration

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1. Identification

1.1 Type ROOFAERATION® (Aeration)

1.2 Type of range

Single-valve ventilation from the ROOFAERATION® range.

1.3 Type of aperture

Opening and closing by electric motor or auger.

1.4 Possible variants in the range

- Costières:
 - Right rib
- Fills:
 - Honeycomb polycarbonate cover thickness 10 to 16 mm
 - Aluminum cover
 - Double dome (depending on dimensions)
- Options:
 - Fall arrest bar says 1200 joules in a security position resting on these supports and or latecomer of break-in.
 - Pleated blind

2. Precautions on the support

2.1 The support receiving the ROOFAERATION® must be flat, within the normative tolerances of building construction.

2.2 The installation of the ROOFAERATION® is carried out according to the following rule :


2.2.1 Rule 1

The maximum slope allowed when the axis of articulation is parallel to the roof slope and (Av) is < to 2m² the geometric surface, is 25 ° or 46.65%.

The maximum slope allowed when the axis of articulation is parallel to the roof slope and the Geometric surface (Av) is > to 2m², is 20° or 36.45%.

In both cases, the hinges are positioned on the right if you look towards the ridge.

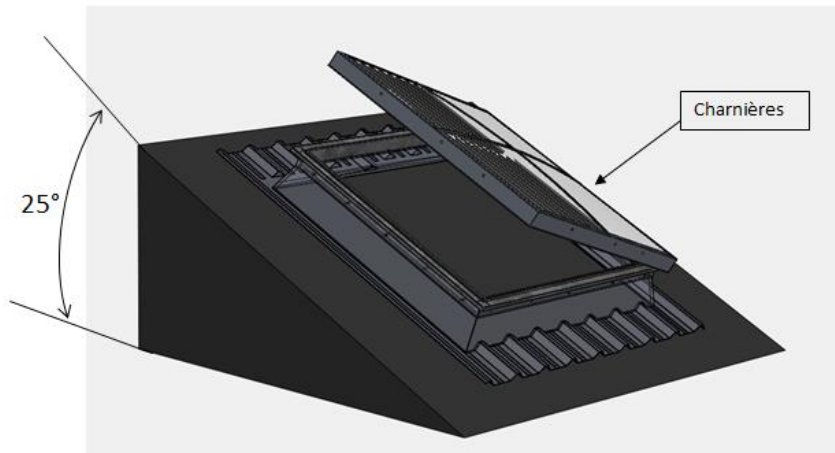
Warning: the device must be installed according to the standards, technical instructions, and any rules or texts in force.

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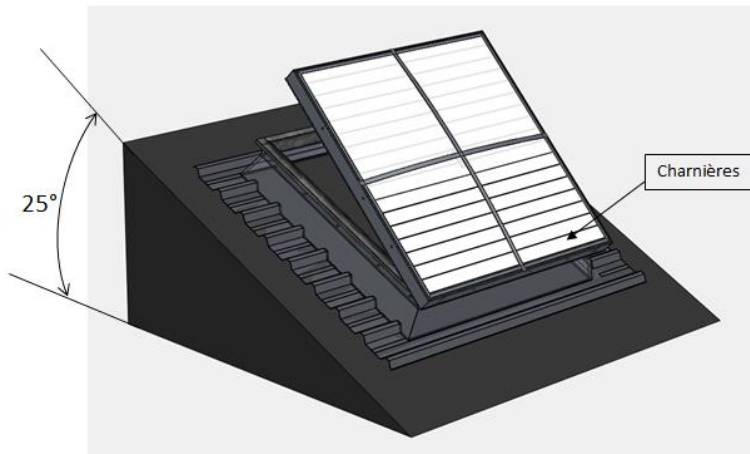
2.2.2 Rule 2


The maximum slope allowed when the axis of articulation is perpendicular to the roof slope the surface geometric (A_v) is $< 2m^2$, is 25° or 46.65%.

The maximum slope allowed when the axis of articulation is perpendicular to the roof slope and (A_v) is the surface geometric $> 2m^2$, is 20° or 36.65%.

In this case, the hinges are positioned at the bottom of the slope.

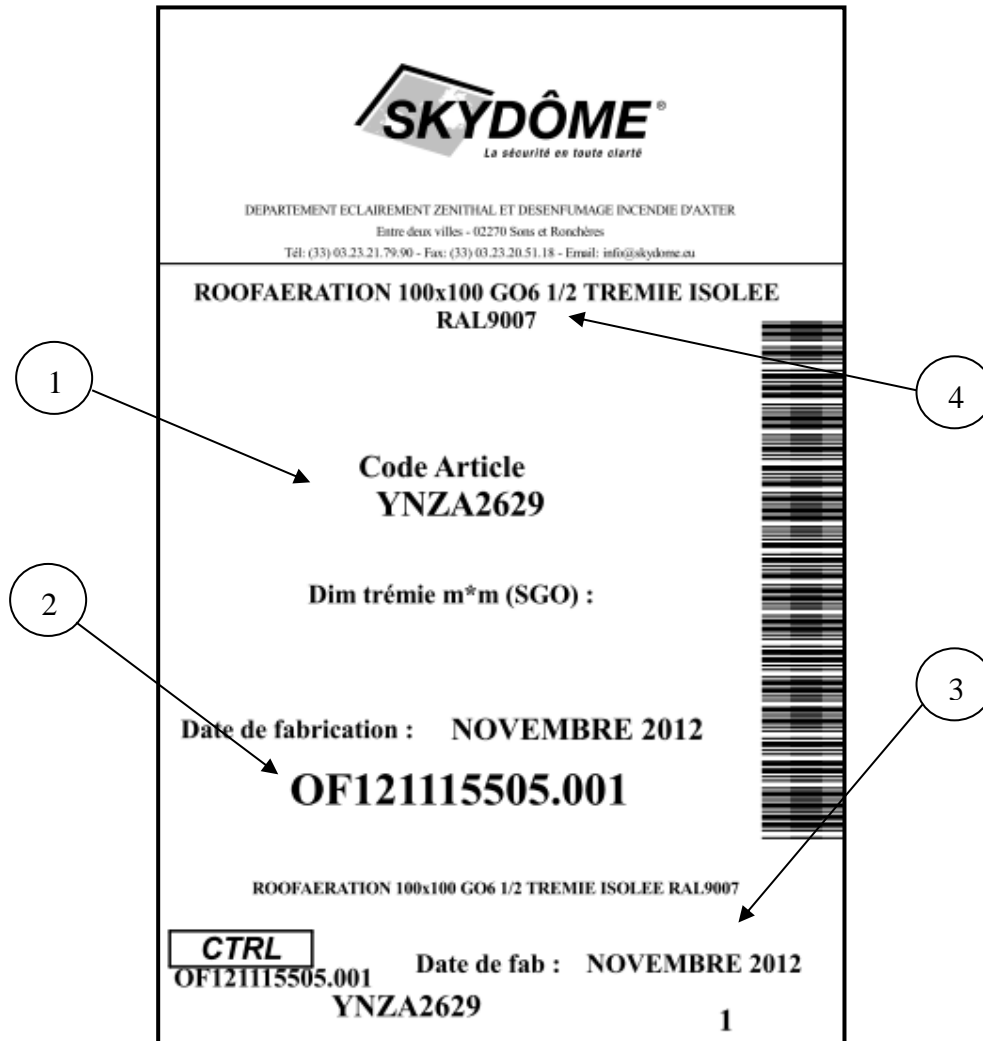
Warning: the device must be installed according to the standards, technical instructions, and any rules or texts in force.



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3. Explanation of the product marking code



- 1- Item code (for device traceability)
- 2- Production order number
- 3- Date of manufacture
- 4- Trade description of the device



4. Range

Dimensional range	Manual mechanism	Electrical mechanism
From 50 x 50 to 140 x 200	Stroke auger 250 mm Crankshaft with length from 1.5 to 3.5 m	220 V electric motor with 300 mm stroke

5. Installation and implementation

Caution: any maneuver that may damage the mechanisms and/or structure of the skylight is prohibited. SKYDOME® cannot be held responsible for the impact of such maneuvers.

The device will be fixed according to the recommendations of the texts and standards in force.

6. Maintenance instructions

Warning: our devices are not guaranteed in the context of an exhibition likely to modify the initial characteristics of an element or a function of the roof access.

The operation, maintenance and periodic verification operations will be carried out according to the requirements of the texts and standards in force as well as the following SKYDOME® requirements:

- Open / close the device at least 2 times a year.
- Verification operations:
 - Check the condition of the joints, hinges, and opening mechanism.

7. Replacement

All components of the device are available on request from SKYDOME.®