



Installation and maintenance instructions

Skydôme - Skyclair

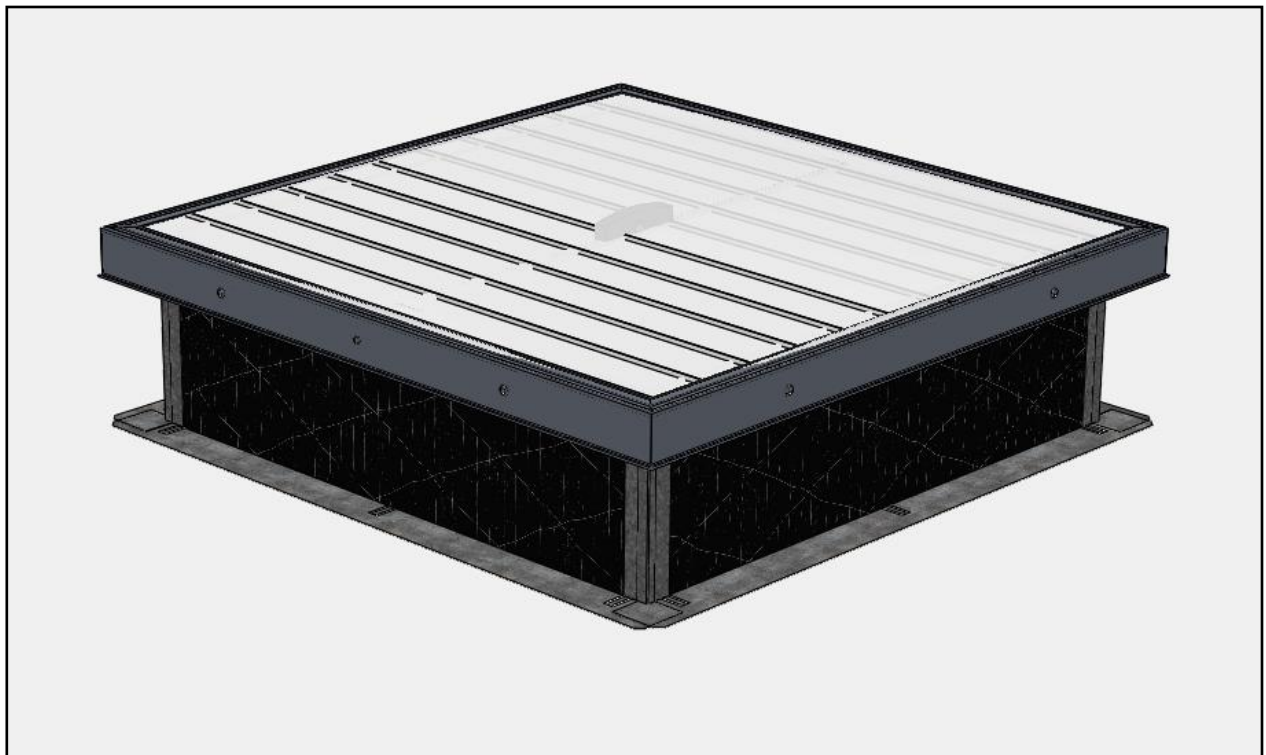
Designation and commercial reference: Skydôme - Skyclair


Review year: 2012

DOP SKY

Reference standard: NF EN 1873

Attention: This manual does not constitute a contractual document. The manufacturer reserves the right to make any changes it deems necessary without notice.



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1. Identification

1.1 SKYDOME® type (Lighting)

1.2 Range type

Skylight from the SKYDOME®/ SKYCLAIR® range.

1.3 Possible variations in the range

- Upstand :
 - Straight upstand
 - Angled upstand
 - Capping upstand

- Fillings
 - 10-, 16- and 32-mm thick polycarbonate honeycomb cover
 - 32 & Dome
 - Single / double or triple domes (depending on size)
 - 40 mm insulated aluminium cover
 - Acoustik' Light


- Options :
 - 1200 joules anti-fall bar in a safe position resting on its supports and/or burglar resistant.
 - Pleated blind

2. Handling

Any manoeuvre that could damage the mechanisms and geometry of the device must be avoided.

3. Precautions on the substrat

- 3.1. The substrate for the roof light must be flat, and within the normative tolerances of buildings constructions.

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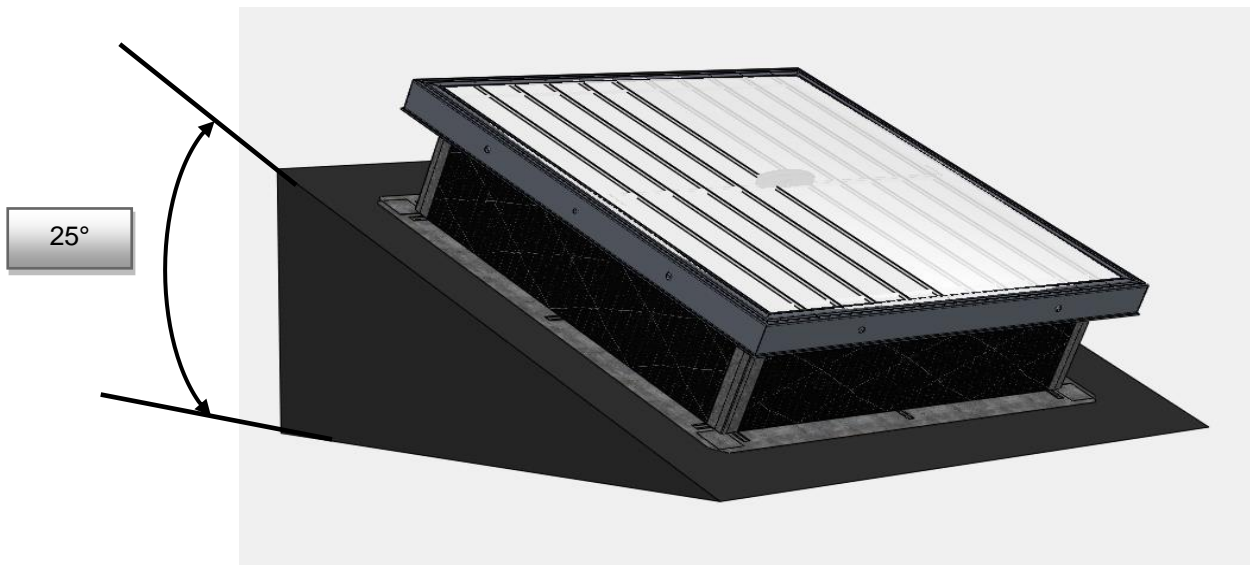


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3.2. The skylight is installed according to the following rule:

The maximum permitted slope is 25° or 46.65%.

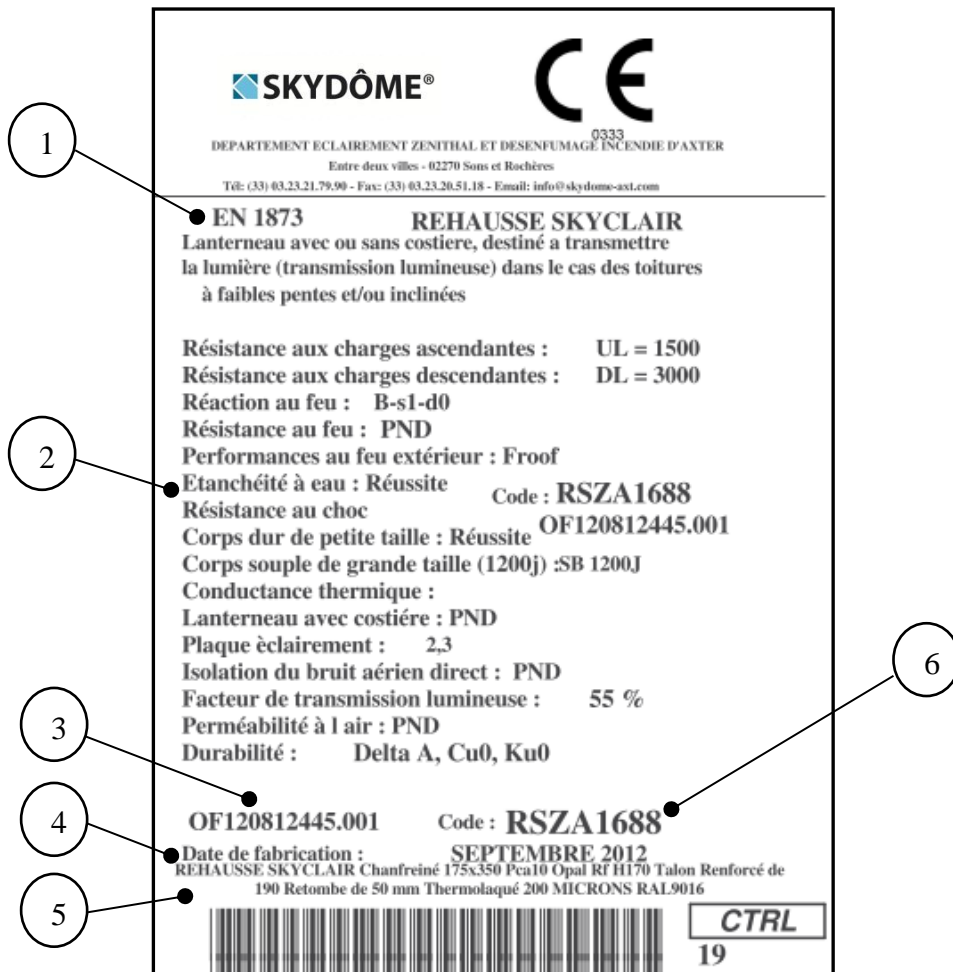


Caution: The appliance must be installed in accordance with the standards, technical instructions, and any rules or regulations in force.

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4. Explanation of the production marking code



- ① Reference standard in force
- ② Performance to be indicated with reference to standard *NF EN 1873*
- ③ Manufacturing order number
- ④ Date of manufacture
- ⑤ Commercial designation of the device
- ⑥ Article code (for the traceability of the device)



5. Range

The size range is from 50 x 50 to 195 x 300 cm

6. Installation and implementation

6.1 Installation of the device

Caution: Any manoeuvre that could damage the mechanisms and/or the structure of the skylight is forbidden. SKYDOME® cannot be held responsible for the consequences of such manoeuvres.

6.1.1 *Installation of the SKYDOME® / SKYCLAIR® according to its support*


- *Pegboard:* By means of self-drilling screws or rivets or other with a **maximum distance of 330 mm between 2 fixings**
- *Ribbed steel sheet:* By means of self-drilling screws or rivets or other with a **maximum distance of 330 mm between 2 fixings.**
- *Masonry support:* By means of suitable fixings, with a **maximum distance between fixings of 200 mm.**

Any insulation on the roof access has a bituminous film designed to receive waterproofing flashings directly.

6.1.2 *Installation of the SKYDOME® / SKYCLAIR® in the extension version*

The centre-to-centre distance requirements described above are identical for the top-hung version, provided that it is installed on a suitable existing support, i.e. steel, concrete, wood or any other material that has already passed the thermal deformation test.

The skylights must be fixed and sealed in accordance with the requirements defined in the D.T.U. (Unified Technical Document) in force.

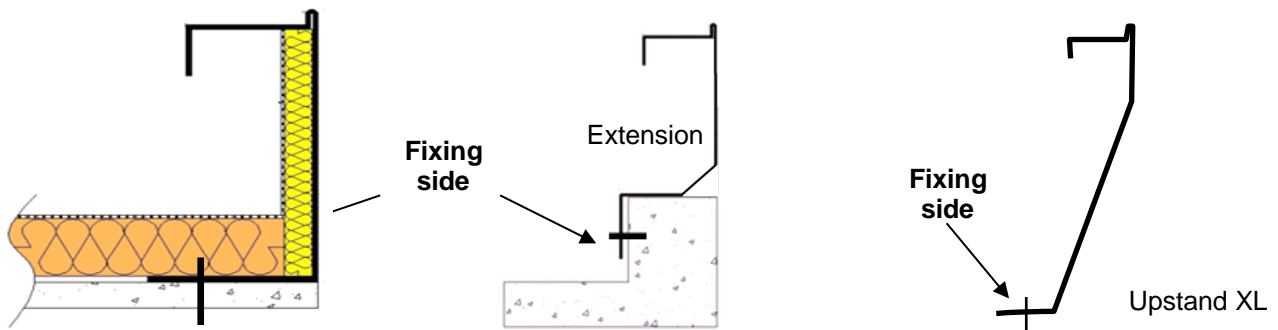
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6.1.2 Schematic diagrams for fixing a devise according to its version



Any other place for fixing may cause water leakage.


7. Maintenance instructions

Please note: our devices are not guaranteed in the event of an exposure that could modify the initial characteristics of an element or a function of the roof access.

Operation, maintenance, and periodic checks will be carried out in accordance with the requirements of the texts and standards in force.

8. Replacement

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

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