



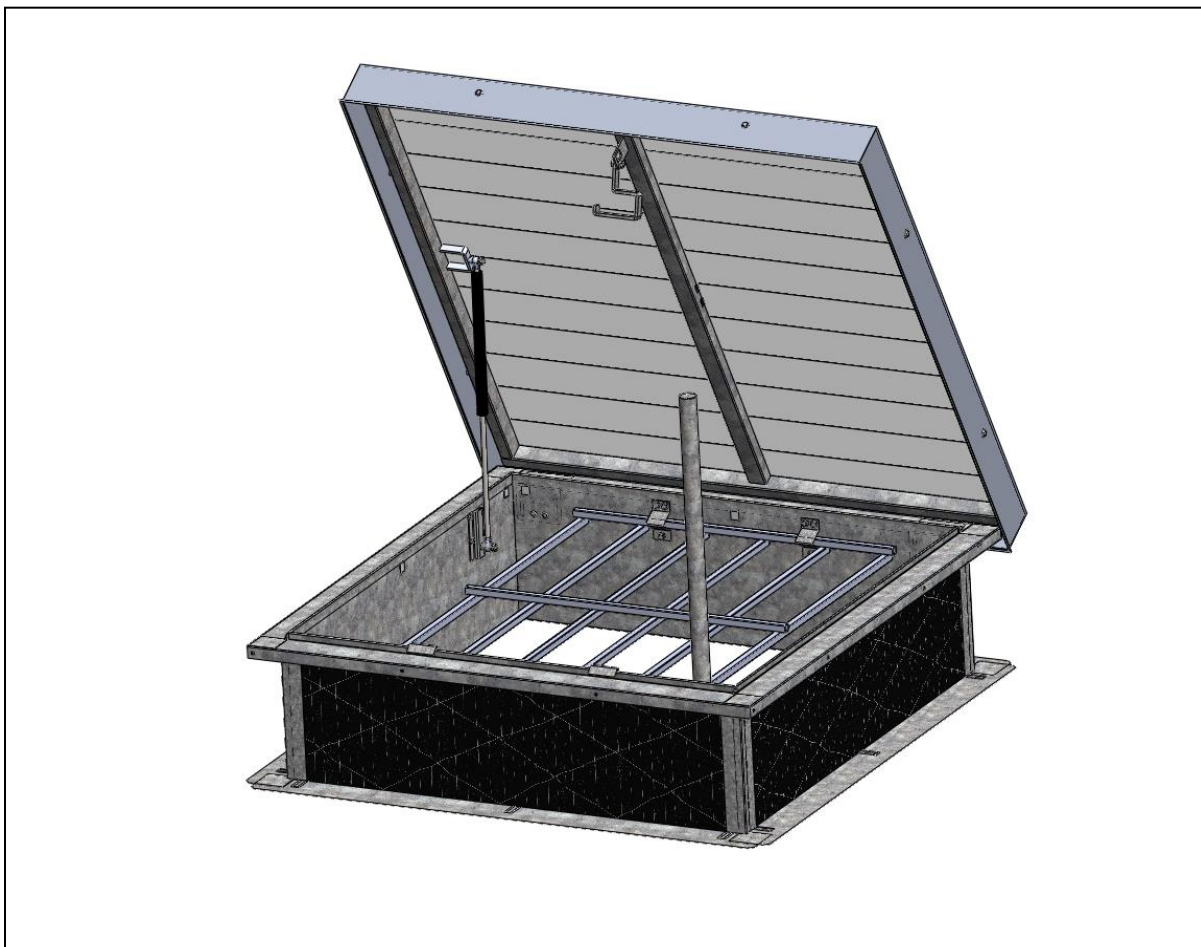
Installation and maintenance instructions


Passadome

Designation and commercial reference: Passadome

DOP: NOT

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



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1. Identification

1.1 Type PASSADOME® (Roof access)

1.2 Type of range

Asingle roof access from the PASSADOME® range.

1.3 Type of aperture

Opening and closing by handle mounted on the central crossmember and using one or two oleopneumatic cylinders according to dimensions (opening angle between 60° and 90°).

1.4 Possible variants in the range


- Costières:
 - Right rib
 - Styling Costume
- Fills:
 - Honeycomb polycarbonate cover thickness 10 to 16 mm
 - Aluminum cover 40 mm
 - Double dome
- Options:
 - Bar hangs ladder only factory mounted (depending on size)
 - Factory-mounted only holding stock (depending on size)
 - Ladder hanging bar and factory-mounted holding stock (depending on size)
 - Opening bar anti-fall said 1200 joules in security position resting on its supports and burglary retardant.
 - Exterior opening

2. Handling

Any maneuver that may deteriorate the mechanisms and geometry of the device is to be avoided.

3. Precautions on the support

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

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3.1. The installation of the PASSADOME® is carried out according to one of the following rules:

The maximum slope allowed is 15° or 26%.

In accordance with the Labour Code, project owners and companies have an obligation not to endanger staff circulating on roofs

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

4. Range

Dimensional range (in cm)	Manual mechanism	External opening mechanism
From 85 x 85 to 140 x 140	Handle with latch	Dropped pulled box connected to a linkage and handle outdoors

5. Installation and implementation

5.1 The installation of the device

Warning: any maneuver that may deteriorate the mechanisms and / or structure of the roof access is prohibited. SKYDOME® cannot be held responsible for the impact of such maneuvers.

5.1.1 *Implementation of PASSADOME® according to its support*

- *Chevêtre :* Through self-drilling screws or rivets or others
Bolts respecting a **maximum centre distance between 2 fasteners of 330 mm.**
- *Ribbed steel sheets:* Through self-drilling screws or rivets or other
Bolts respecting a **maximum centre distance between 2 fasteners of 330 mm.**
- *Masonry support:* Through adapted fastenings respecting a **centre distance Maximum between 2 fasteners of 200 mm.**

The insulation possibly present on the roof access includes a bituminous film designed to receive directly waterproofing readings.

5.1.2 *Implementation of the PASSADOME® in enhanced version*

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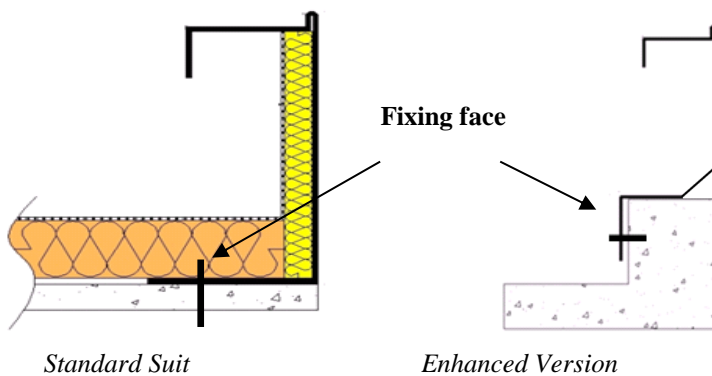
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The center distance requirements described above are identical for the raised version subject to installation on a suitable existing support, namely: steel, concrete, wood, or any other material which has already passed the thermal deformation test.

The PASSADOME® must be fixed and sealed according to the requirements defined in the waterproofing T.T.U (Unified Technical Document) in force.

5.1.3 Schematics for fixing an apparatus according to its version



Any other place for the fastening may cause water leakage.

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 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:

- Verification operations:
 - Check more particularly the condition of the joints, hinges, closing handle as well as the condition of the oleo pneumatic cylinders and any element helping to access the roof.
 - When the stem of an oleo pneumatic cylinder is scratched, deformed or if there are leaks, replace it.
 - Do not clean the cylinder stem with a solvent, as it can damage the joints.
 - Do not paint the stem of the cylinder.

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7. Note

The mechanism is an assistance for the opening and closing of the PASSADOME® and does not guarantee in any case an autonomous opening.


Use of the factory-mounted ladder hanging bar : tube of Ø35 allowing ladder support equipped with 50 mm opening hooks.

The ladder should not be hung from the ladder hanging bar.

In accordance with the Labour Code, project owners and companies have an obligation not to endanger staff circulating on roofs.

8. Spare:

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

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