

OPTIONAL FUNCTIONS

SECURITY FUNCTIONS

AGAINST FALLS

- **Careful** of the protection necessities of the working persons.
- **Conscious** of the responsibilities of the builders and companies' owners.
- **Worried** not to put people's life in danger.

The **SKYDÔME**[®] company offers a choice of solutions adapted to its productions conform to the recommendations of the Insurance Companies.

- Fixed 1200 joules grills.
- Opening 1200 joules grills.
- Glazing tested to 1200 joules.
- Double domes 1200 joules.
- **VOUTE ARCADE** reinforced 1200 joules.

All these solutions have been tested conform to the test protocol "1200 joules" on all our new units. The principle of this test consists of the fall of a 50 kg bag from a height of 2,40 m.

Solution 1

A fixed anti-fall grill 1200 joules: GAC 10 1200 joules.

Composed of round galvanised tubes of diameter 10mm, space between bars: 140mm more or less 5mm. It is mounted on the top part of the kerb with screws, which head can **not be dismantled**. Always composed of 2 or 4 parts depending on the model, apart for the **PYROCLAIR® ÉVOLUTION**. **No loss of Aa**.

Certified option . Certifications available on www.skydome-axt.com under the heading "Espace Partenaires" (Partner information).

Solution 2

A fixed anti-fall grill GAC 16 1200 joules: composed of square galvanised tubes 16 x 16 mm, space between bars: 120 mm. It is set on the bottom part of the kerb and fixed with big rivets making its dismantling complicated.

Certified option . Certifications available on www.skydome-axt.com under the heading "Espace Partenaires" (Partner information).

Solution 3

Units with structured polycarbonate (PCA) 10 mm or aluminium cover including a specific reinforcing system proposed in standard.

Galvanised steel tubes 16 x 16 mm fixed on the kerb for fixed units and on the opening frame for the opening units. These reinforcements are perpendicular to the direction of the PCA cells.

Report available on www.skydome-axt.com under the heading "Espaces Partenaires" (Partner information).

Solution 4

Units with dome certified 1200 joules.

The unit is equipped with a double layer dome including an aluminium beading frame. The lower dome is unbreakable and resists to the fall of a body conform to the test protocol. AXTER **SKYDÔME®** Patent (n°9606296).

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Solution 5

Long vaults including a specific reinforcing system. Aluminium tubes 15 x 15 mm mounted on the load-bearing arches perpendicular to their axle (the number of reinforcements 1200 joules is determined according to the cord of the vault).

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Solution 6

Exclusively for **PASSADÔME®, PYROPASS ÉVOLUTION** and **PYRODÔME® ÉVOLUTION TREUIL**.

Opening grill in galvanised steel tubes 16 x 16 mm only. This whole is composed of a grill in tubes with a stop for the front and a second stop on the rear for the hinges.

This grill is easily fixed by riveting on the top part of the kerb as well on the building site as in the factory. Tests 1200 joules on units 1000 x 1000 mm (± 25 %).

Report available on www.skydome-axt.com under the heading "Espaces Partenaires" (Partner information).

	SKYCLAIR®	SKYDÔME® ROOFDÔME®	AIRDÔME® and ROOF AÉRATION®	PASSADÔME®	SKYVÔUTE®	PYRODÔME® and ROOFLAM® ÉVOLUTION TREUIL	PYRODÔME® and ROOFLAM® ÉVOLUTION PNEUMATIQUE	PYROCLAIR® ÉVOLUTION
Solution 1 : 1200 J grill - GAC R10 	All dimensions of the range	All dimensions of the range	All dimensions of the range		Maxi cord 200 cm	All dimensions of the range	All dimensions of the range	All dimensions of the range
Solution 2 : 1200 J grill 	All dimensions of the range	All dimensions of the range	All dimensions of the range		Maxi cord 200 cm	All dimensions of the range	All dimensions of the range	All dimensions of the range
Solution 3 : PCA 1200 J 	All dimensions of the range	All dimensions of the range	All dimensions of the range	All dimensions of the range		All dimensions of the range	All dimensions of the range	All dimensions of the range
Solution 4 : Dome 1200 J 		Maxi dimensions 180 x 180	Maxi dimensions 180 x 180	Maxi dimensions 180 x 180		Maxi dimensions 180 x 180	Maxi dimensions 180 x 180	
Solution 5 : Reinforcement 1200 J 					All dimensions of the range			
Solution 6 : opening grill 				Maxi dimensions 120 x 120		Maxi dimensions 120 x 120		

SKYDÔME® also proposes a solution for individual protection: a hook fixed on the kerb to maintain the rope or to attach an anti-falling system.