

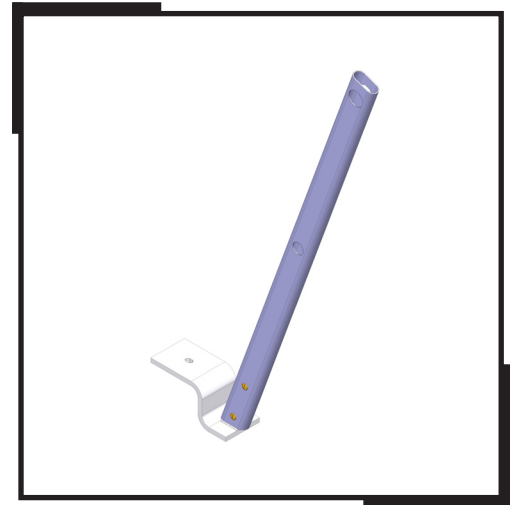


OVALIC®

TILTED ON Z PLATE 2 RAILS

Réf : MAFSGOV09/02

Désignation	Technical data
Post	
Raw Material	Aluminium
Shape and sizes (mm)	Oval tube 70x30x2
fixation plate	
	Z
Raw material and section	galvanised steel 140X100X12
weight per linear meter	3.96 Kg
Maximum spacing between posts	1500 mm
Packaging mini	1/70



Applications field:

Permanent guardrail, specifically designed to protect workers against falls from roofs terraces, which are non accessible to public but accessible for maintenance operations.

Conditions of use:

The access to the flat roofs must be strictly forbidden to public, and only accessible by authorized working personnel.

- Permanent fixation of the guardrail on the upstand or directly on deck.
- Recommended for new and renovated buildings
- Recommended for moderate traffic on the roof (1 person per week)
- Structure must be compatible with the weight of the guardrail system (see technical data)
- Use only M 10, Mechanical or chemical, stainless steel or galvanised fixings (screws, bolts, nuts, etc,). The installer must verify that fixations are adapted to the structure (upstand). See fixations suppliers technical data.

Standards: EN ISO 14122-3.

The whole range Sécurigard® has been successfully tested according to EN ISO 14 122-3. The standard EN ISO 14 122-3 is the only EN standard that deals with permanent guardrails for restricted access areas. Therefore, most manufacturers of permanent guardrail took it as the reference, for fixed guardrails as well as permanent free-standing guardrails. The EN 13 374 A is almost equivalent; it is the standard that deals with temporary guardrails in building industry. Though, EN 14 122-3 is more stringent concerning most points of the guardrail construction (height, rigidity under load,...).

Life time :

In urban areas, with a normal pollution rate, the life time duration for the galvanised guardrails is estimated around 30 years.

This life-time can be shorter in industrial areas, (especially with chemical industries) or in salty coastal areas. (cf. classification of areas C1 to C5 within the EN 1461).

In both case Frénéhard & Michaux recommends a surface coating treatment, on top of the galvanisation: Polyester powder coating 80µm qualicoat or alucoat.

Guardrail maintenance :

According to the standards EN 1461 concerning galvanisation of steel, there is no maintenance required on galvanised steel products.

However, in order to preserve the protection quality, we recommend a visual inspection every year of the whole guardrail assembly.

Elements to control:

- No part shall be twisted, damaged or disconnected.
- Check the presence of all the elements constituting the guardrail (rails, angles, toe boards).
- Check the alignment of the railings
- Check the tightness of all fixations (if fixation is not visible, shake the all posts and check the displacement is <30mm). in case of displacement, tighten the bolt/nut plugs.
- All damaged parts must be replaced.

IN SHORT

PARAPET'S HEIGHT
MINI : 100 MM
MAXI : 560 MM

WIDTH : 150 MM

Tested by apave :