

FALLPROTEC

Height Safety Products

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FALLPROTEC GUARDRAILS





COLLECTIVE
PROTECTION
eliminates the
risk of falling from
height.

Collective protection is used for the simultaneous fall protection of several people without them having to be instructed in the use of PPE beforehand. For this reason, Fallprotec recommends the guardrail in high-traffic areas.

Fallprotec guardrails are not designed to protect areas accessible to the public.

Fallprotec Guardrails

range of products fits to various aesthetic, technical, or architectural needs.

The guardrail protects personnel from falls from heights, no training is required once installed.

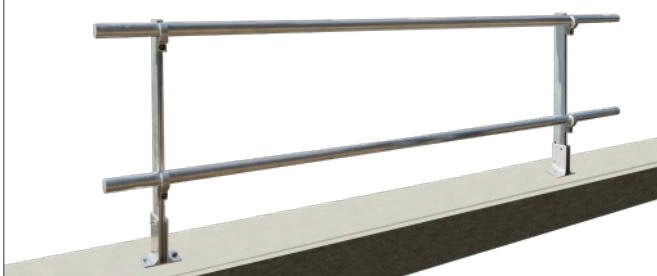
Versatility, modular construction using identical components for multiple configurations. The rail and the sub-rail are made from the same 45 mm diameter tube.

A plinth is fixed to the bases if necessary.

Resistant to atmospheric agents, salt air, rain, frost, UV thanks to the materials used:

- Profile in extruded aluminium alloy 6060 powder coated in standard RAL 7035, other RAL colour on request.
- Black PVC counterweight
- Straight or 30° angled upright according to architectural requirements.
- Corner pieces fixed on the rails and sub-rails make it possible to form an angle between 30° and 170°, plugs close the profiles at their ends.
- Quick installation on site, possibility of adjusting the height of the rails and sub-rails.
- Can be installed on flat roofs, parapets, steel decks and standing seams.

Fixed vertically guardrail



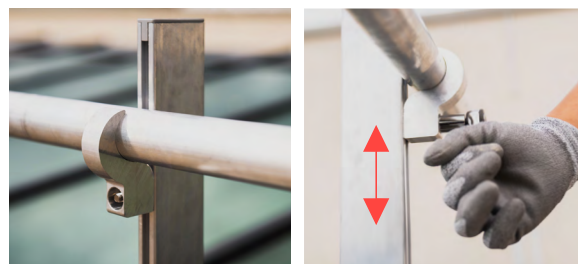
Wall-mounted guardrail



Counterbalance guardrail



A simple tightening mode of the beams allows a quick, easy and efficient installation. It is possible to adjust the height of the rail and the sub-rail according to the height of the parapet.



STANDARDS:

EN 14122-3

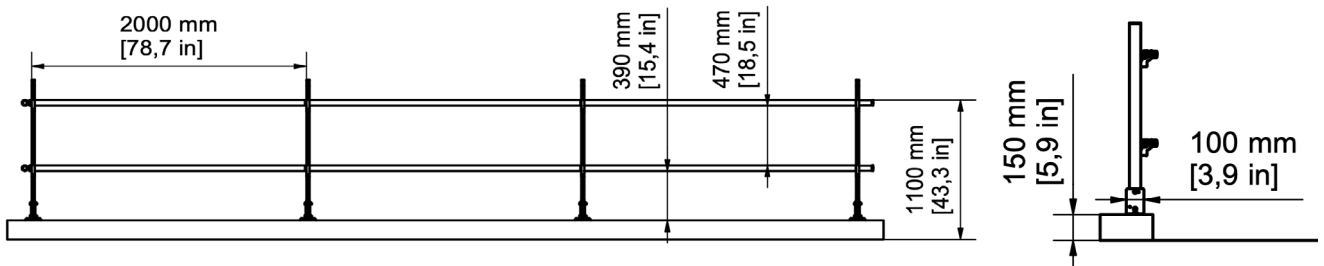
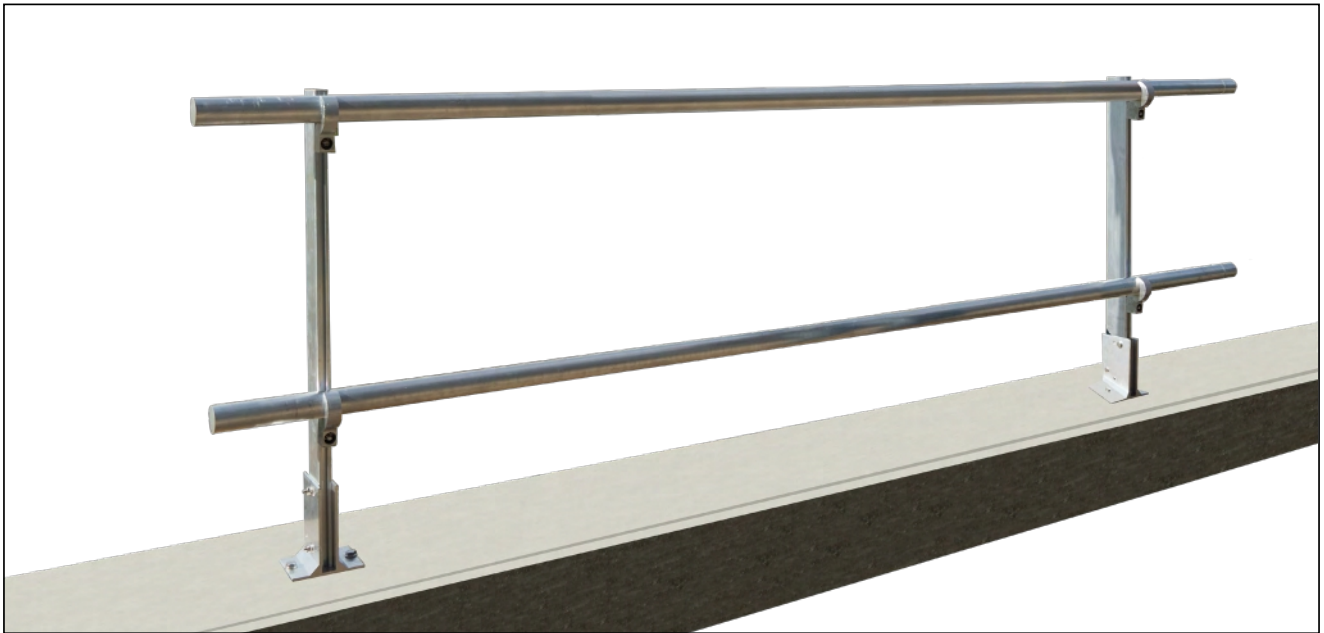
EN 13374

NF E85-015

OSHA 1910.29 / 1926.502

BS 13700

Guardrail fixed vertically

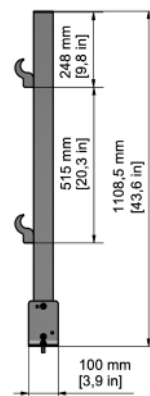


- The uprights must be fixed every 6 1/2 (2 m).
- The standard height of the uprights is 3 2/3 (1100 mm)
- The height of the uprights depends on the height of the parapet, Fallprotec will adapt this height according to the customer's request.
- The base is fixed to the parapet with 2 bolts. For parapets over 1 2/3 (500 mm) high, only one rail is required. If the height of the parapet is less than 1 2/3 (500 mm), a sub-rail must be installed.

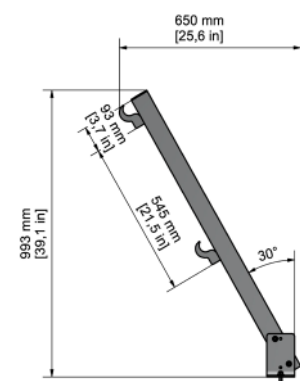


The vertical fixing base allows the upright to be adjusted straight or inclined, the components are identical for both configurations.

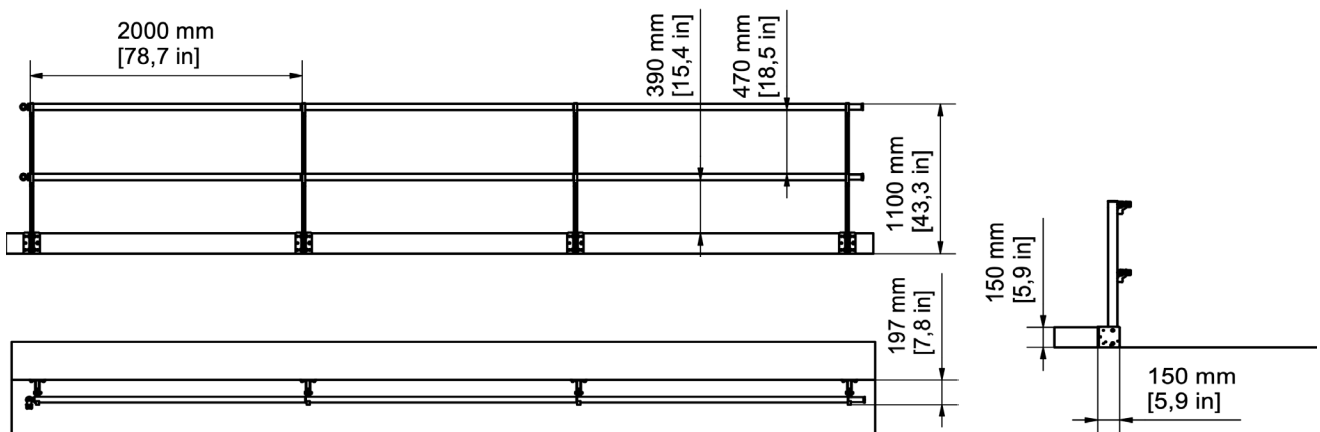
Straight upright



Upright inclined at 30°



Wall-mounted guard-rail



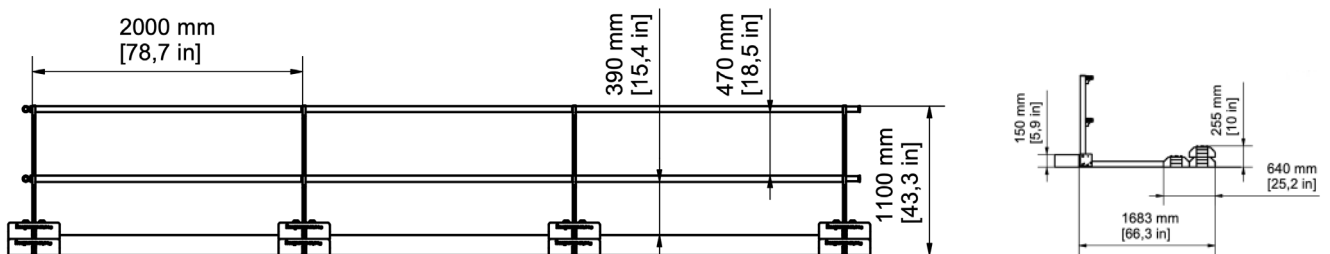
- The uprights are fixed every 6'1/2 (2 m).
- The standard height of the uprights is 3'2/3 (1100 mm).
- The height of the uprights depends on the height of the parapet, Fallprotec will adapt this height according to the customer's request.
- The base is fixed on the parapet with 2 bolts, the height of the parapet must be at least 6" (150 mm), the base is fixed on the inside or outside of the parapet.
- The base makes it possible to install the upright with or without offset of 2"3/4 (70 mm) from the parapet in order to allow the installation of a coping cover.

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For the two straight upright versions with or without offset, all the components are identical. For the third version with inclined upright, the length of the upright is greater. The other components are identical to the two previous versions.

Straight upright without offset	Straight upright with offset	Upright inclined at 30°

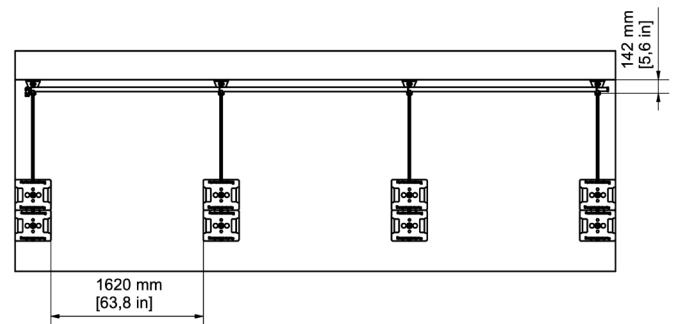
Counterbalance guardrail



The counterbalance guardrail is installed on a flat roof does not require penetration of the roof membrane and avoid thermal bridges.

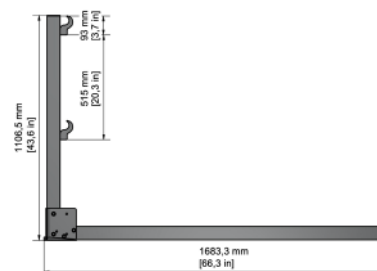
of the metal part. Similarly, the supporting leg is not in contact with the membrane, only the PVC counterweight is.

- The uprights are fixed every 6'1/2 (2 m).
- If the height of the parapet is less than 6" (150 mm), a plinth is fixed to the bases.
- The counterweights are in PVC for a mass of 27,55 lb (12.5 kg). Three counterweights are needed to provide stability. The counterweights are equipped with two handles, they are not affected by climatic agents (salt air, sun, frost, rain, pollution).
- A polypropylene part fits on the base, it protects the waterproofing membrane against abrasion

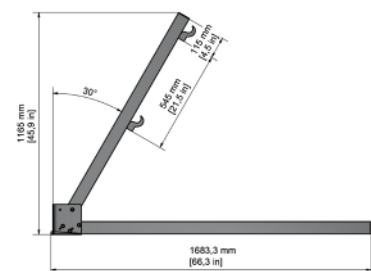


For the 2 straight and inclined upright versions, the uprights and the supporting leg are different, the other components are identical.

Straight upright counterbalance guardrail



Inclined upright counterbalance guardrail.



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