

FREESTANDING GUARDRAIL

STANDARD

EN ISO 14122-3



USE



Plastic counterweight
12,5 kg

The freestanding guardrail VECTACO® secures roof terraces when it is technically impossible to fix on the parapet or on the concrete slab. It avoids any drilling the roof membrane and thus preserves the watertightness.

ADVANTAGES

- > Economical
- > Simple and quick assembly:
 - T parts pre-assembled on uprights
 - Bases welded to support legs
 - Full assembly with only one tool: the Torx driver bit T25
- > Simplified handling:
 - Ballast counterweight divided into 2 pads of 12.5 kg equipped with ergonomic handles
 - Handrail and knee rail of 3 m length delivered in bundles of 7 units
- Available in stock, short lead time

REFERENCES

NEWS



New freestanding bases:

We offer 2 bases models (*straight and 25° inclined versions*) with welded support leg. The fixing to upright is realized with a blocking part (*cf instructions*)



The round middle rail Ø35 mm replaces the triangular handrail for all the VECTACO range. This change leads to modifications on the following products:

- Plastic angles and handrail aluminum;
- Ladder/ guardrail junction kit 1000mm;
- Modification of uprights with a round and no more triangular hole

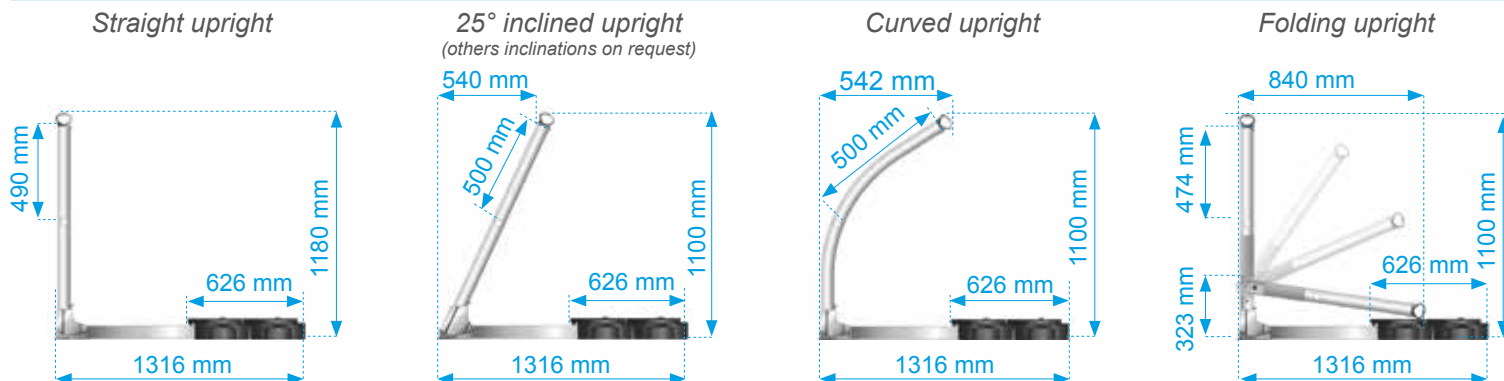
New 150 mm high toeboard:

The toeboard 100 mm H is replaced by the toeboard 150 mm H with its accessories (connectors, angle kits, toeboard plug and supports).

	Straight upright	25° inclined upright (others inclinations on request)	45°Curved upright	Folding upright
Handrail + middle rail	VAP-D2	VAP-I2	VAP-C2	VAP-R2
Handrail +middle rail + toeboard	VAP-D3	VAP-I3	VAP-C3	VAP-R3

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DIMENSIONS



CARACTÉRISTIQUES TECHNIQUES

- **Material:** aluminum
- **Material finishes:** raw, anodized or powder coated on request (ral colors) 
- **Triangular handrail and round middle rail** Ø 35 mm
- **Available with upright:** straight, inclined, curved and folding
- **Standards:** European standard **EN ISO 14122-3** of December 2007

UNIQUE COUNTERWEIGHTS ON THE MARKET



- > A unique counterweight, with reduced mass of 12.5 Kg. Easy to grip, ergonomic and taking care of the spine of the installer
- > The load has been halved and two carrying handles simplify the lifting and the use. The centre of gravity is as closely as possible from the installer's body, using a handy control. VECTACO® counterweight has been scored at 2 out of 4 on the risk scale CARSAT*.

*Pension insurance institution and health protection at work www.carsat-ra.fr

2 MODELS OF SELF-SUPPORTING BASES

- > **Self-supporting base with protective plastic clipped sole and mechanically welded support leg** (Ref.: 04763) for freestanding guardrail in straight; curved and folding versions



Attachment of the base to the upright made by a blocking wedge (Ref.: 04773)

- > **25° Self-supporting base with protective plastic clipped sole and mechanically welded support leg** (Ref.: 08631) for inclined freestanding guardrail





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OPTIONS

Safety gate 580 mm H kit for straight or inclined freestanding guardrail

We have developed 2 safety door kits which adapt the straight and inclined uprights. The safety door remote-controlled closing ensures the safety of its user.



Safety door kit 580 mm H for straight freestanding guardrail



Safety door kit 580 mm H for inclined freestanding guardrail

ASSEMBLY RECOMMENDATIONS (cf. instructions)

- Maximum inter-axial between uprights: 1500 mm
- Assembly through HC and self-drilling screws with Torx driver bit T25 supplied.
- Parapet or stop end obligatory for each installation of the freestanding guardrail
- Obligatory toeboard if the parapet ≤ 100 mm
- Maximum slope of 15°/27° (for any other configuration, ask our research department)

RECOMMENDED USE

- Before any use, please refer to the technical notices, supplied at delivery and available on request.
- For the storage of aluminum products, it is important to store packed packages under cover and in a dry place.
- During the installation of folding guardrails, a lifeline VECTALINE® is obligatory to secure the installers.
- Do not use the counterweight handles for hoisting on roof.

A UNIQUE TOOL FOR A COMPLETE INSTALLATION

The complete installation of the freestanding guardrail VECTACO® with a unique tool:

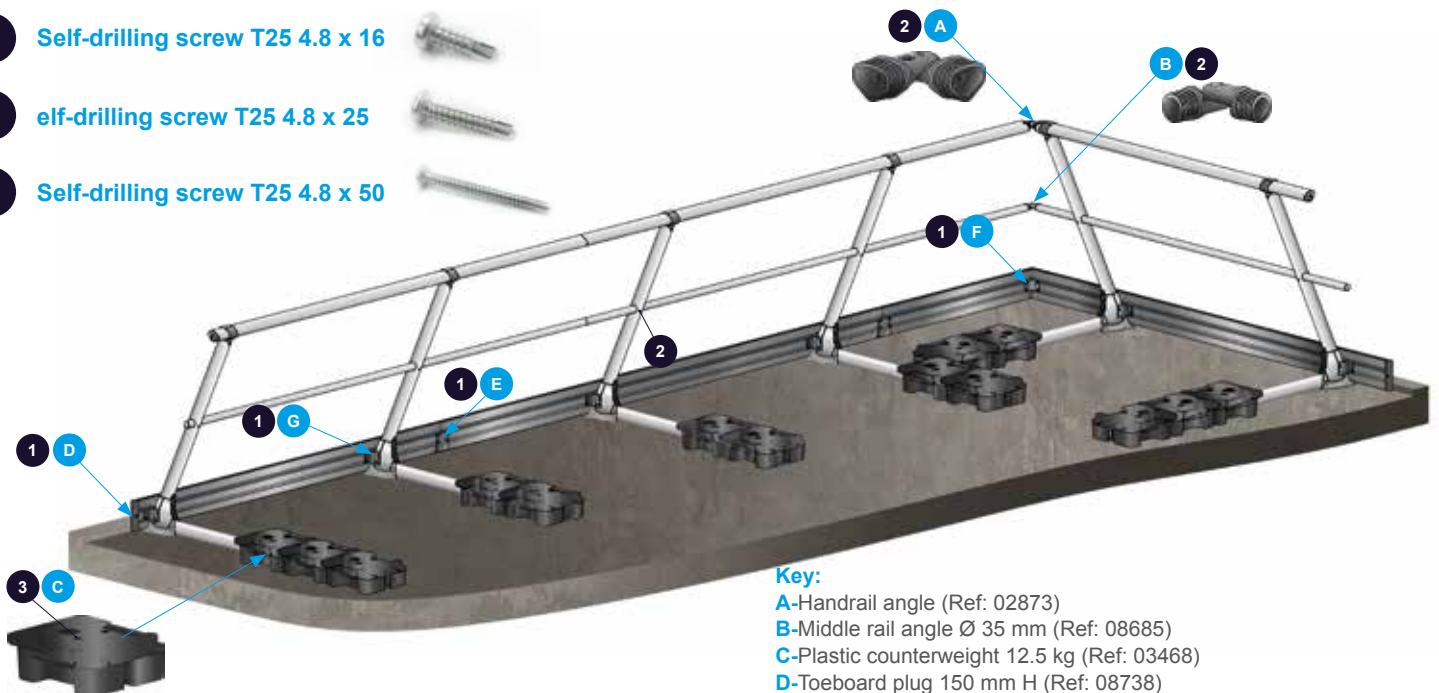
The Torx driver bit T25 (supplied at delivery)



1 Self-drilling screw T25 4.8 x 16

2 Self-drilling screw T25 4.8 x 25

3 Self-drilling screw T25 4.8 x 50



Key:

- A-Handrail angle (Ref: 02873)
- B-Middle rail angle Ø 35 mm (Ref: 08685)
- C-Plastic counterweight 12.5 kg (Ref: 03468)
- D-Toeboard plug 150 mm H (Ref: 08738)
- E-Toeboard straight connector 150 mm H (Ref: 08637)
- F-Toeboard angle kit 150 mm H (Ref: 08869)
- G-Toeboard bracket 150 mm H for freestanding guardrail (Ref: 08703)

Installation schema of the VECTACO® inclined guardrail