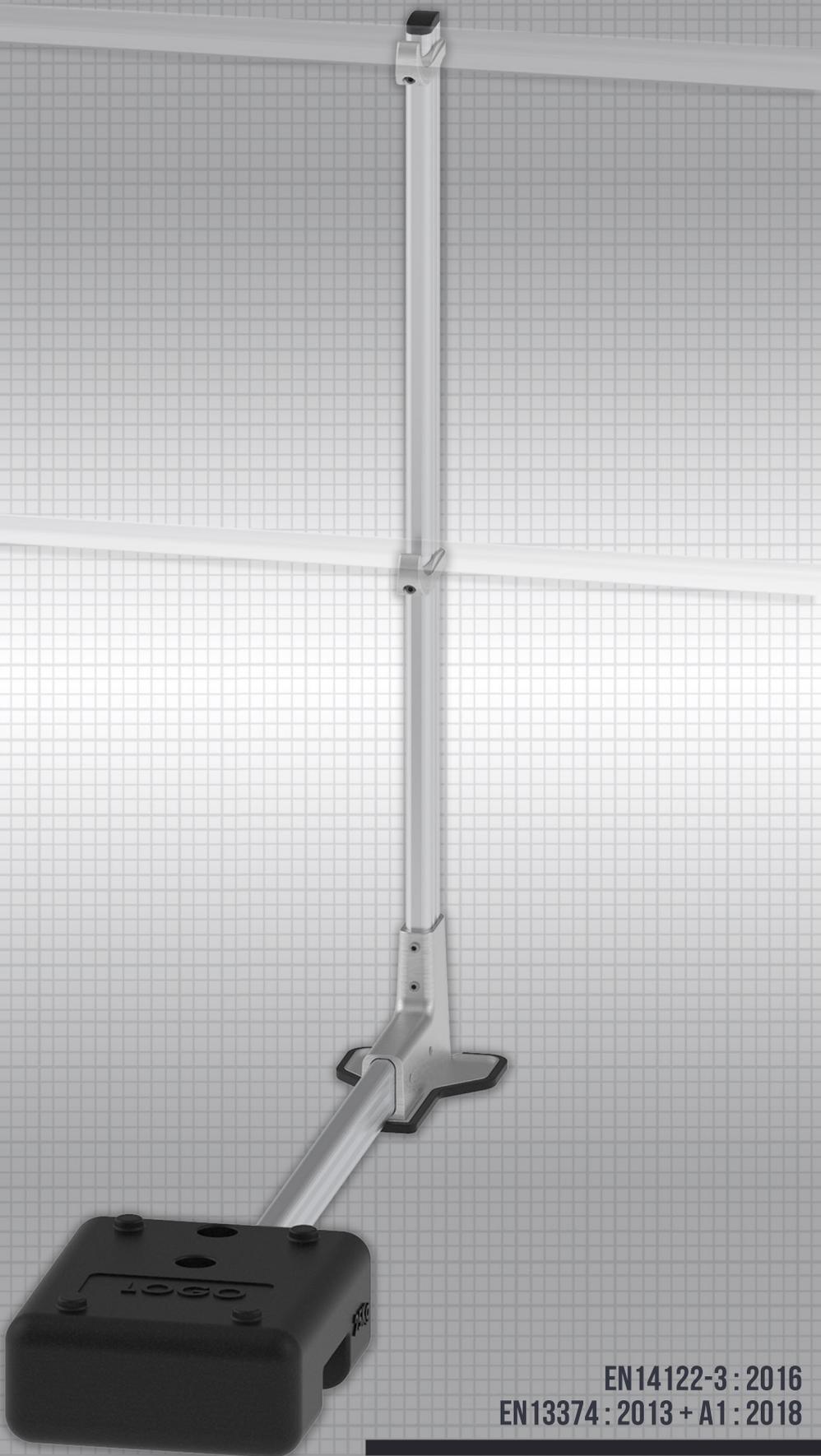
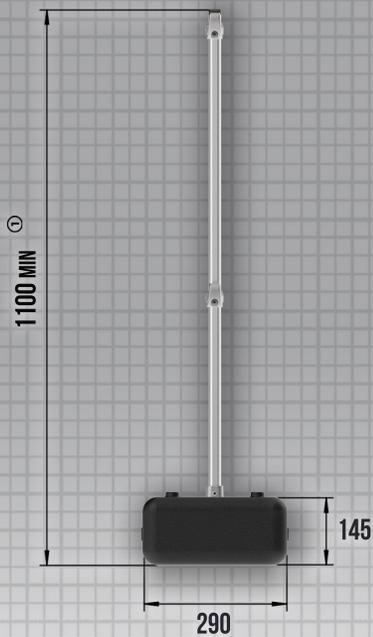


# FREESTANDING

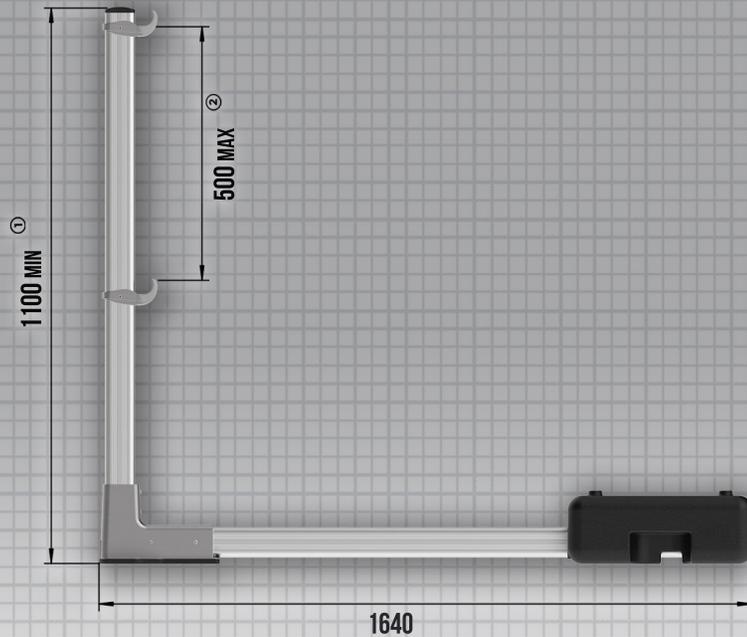
ROOFTOP



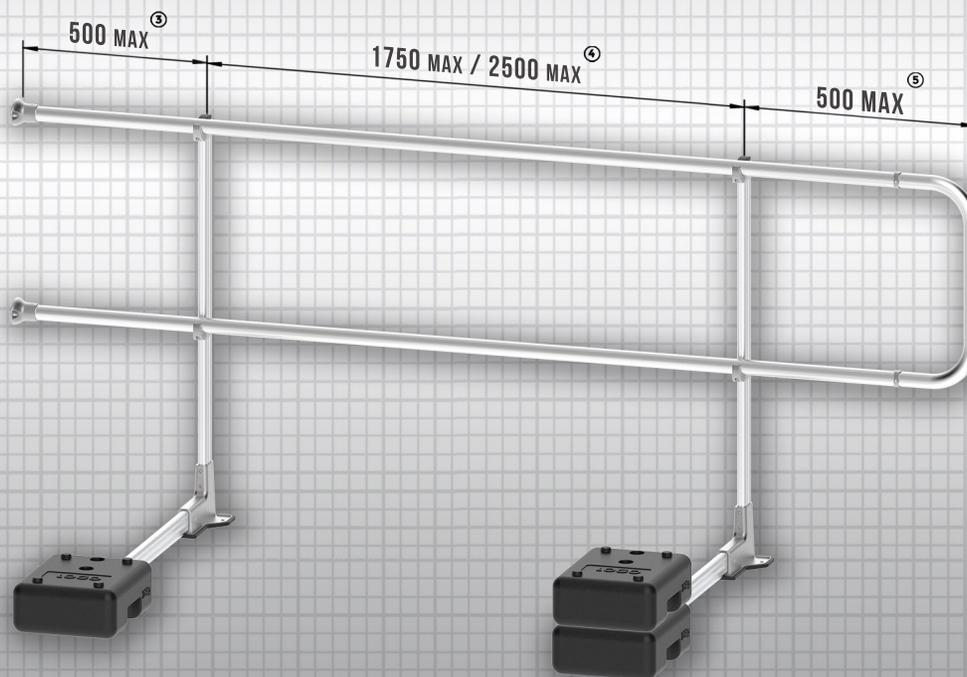
EN14122-3:2016  
EN13374:2013+A1:2018



**FRONT VIEW**



**SIDE VIEW**



**ISOMETRIC VIEW**



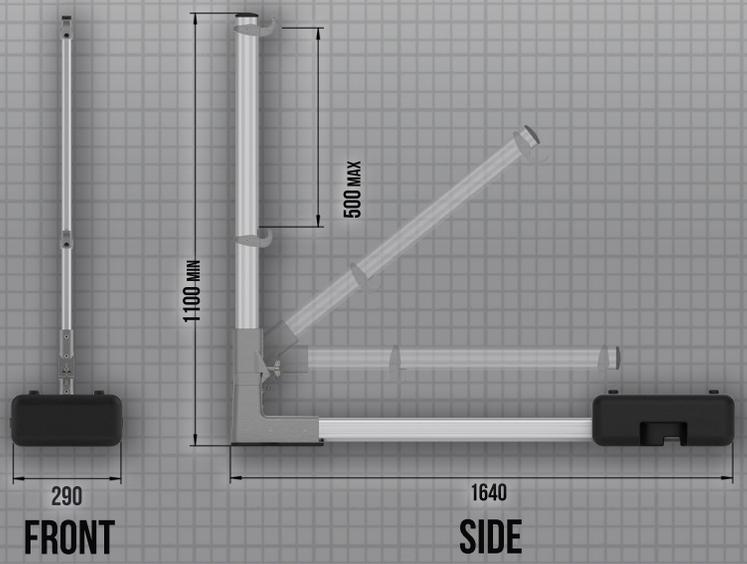
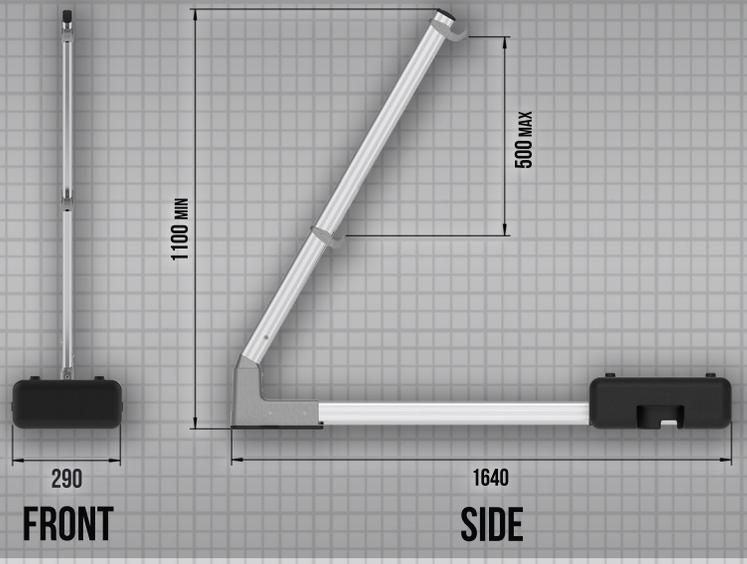
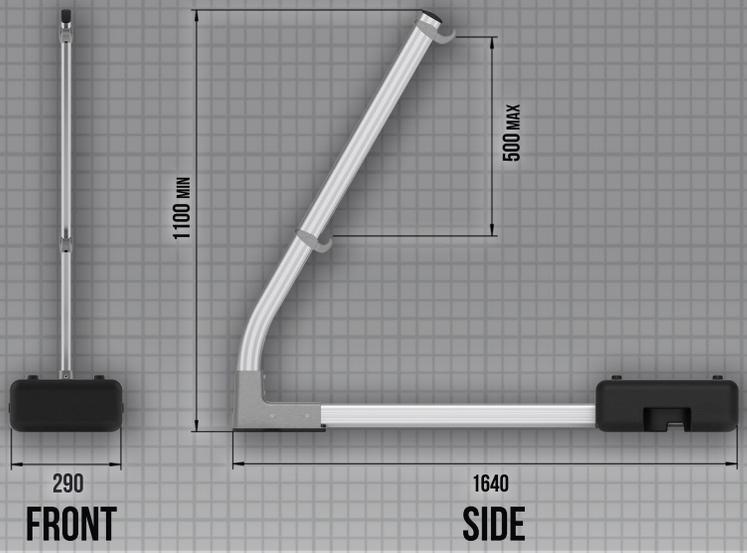
## FREESTANDING

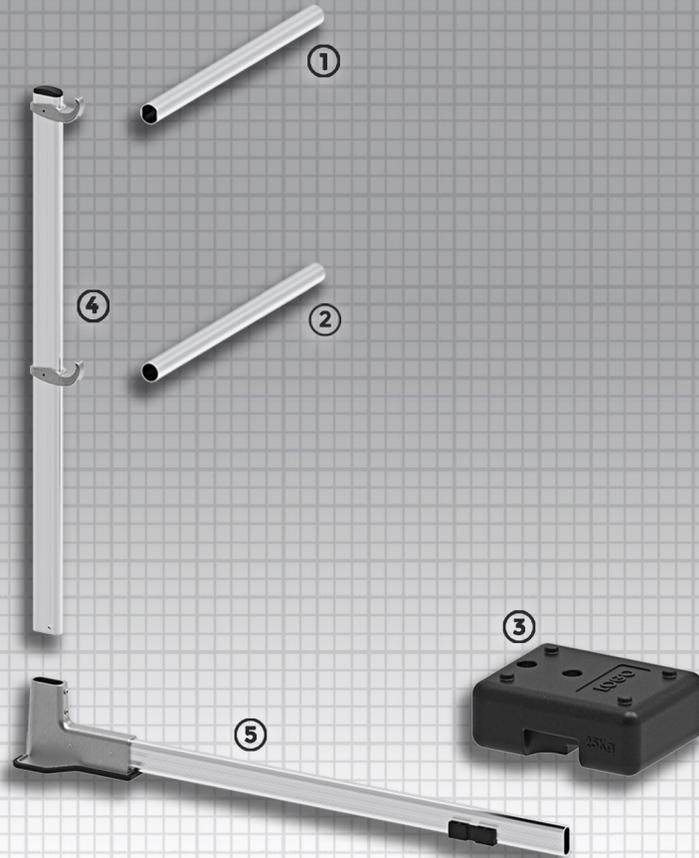
EN14122-3:2016 / EN13374:2013 + A1:2018

The Freestanding rooftop guardrail is a system without fixing weighted by counterweights, exclusively for securing roofing decks not publicly accessible. It is recommended when it is not possible to fix the railing on the parapet or the slab. It ensures the collective protection of a new or old building.

- ① The minimum allowed vertical height of post is 1100mm
- ② The maximum allowed height between handrail and kneerail is 500mm
- ③ The maximum distance between wall and first post is 500mm
- ④ The maximum allowed interval is 1750mm/2500mm(EN14122:3/EN13374:2013)
- ⑤ The maximum distance between final post and free end is 500mm

## Freestanding Guardrail Also Pairs With Following Post Styles





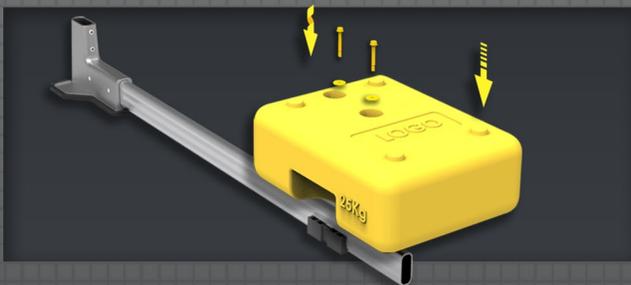
① **Handrail**  
*φ40 mm tube*

② **Kneerail**  
*φ40 mm tube*

③ **Counterweight**  
*Max weight 25KG*

④ **Post module**  
*Tube fixing, profile, plastic cap included*

⑤ **Base module**  
*Holder, profile, plastic connetor included*

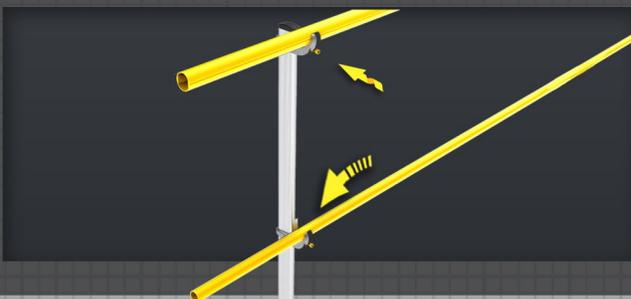
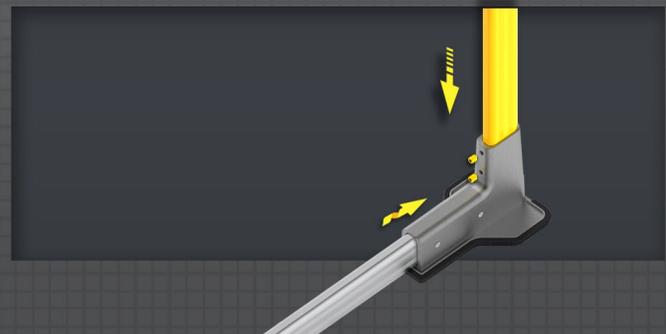


## STEP 01

Put counterweight onto the base module then fix it by taper screws

## STEP 02

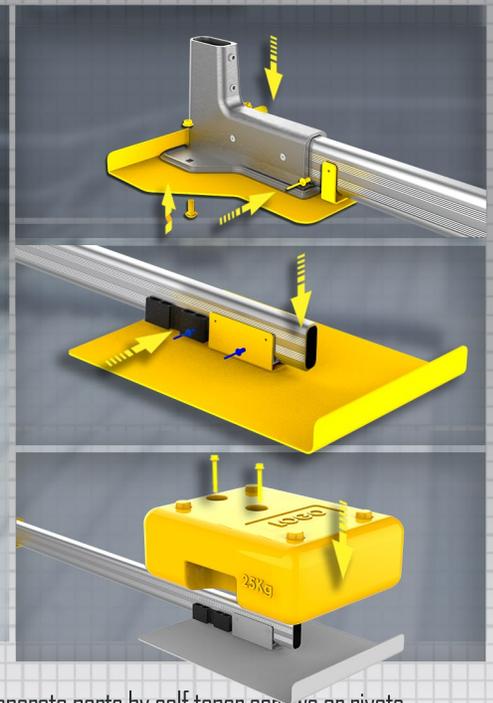
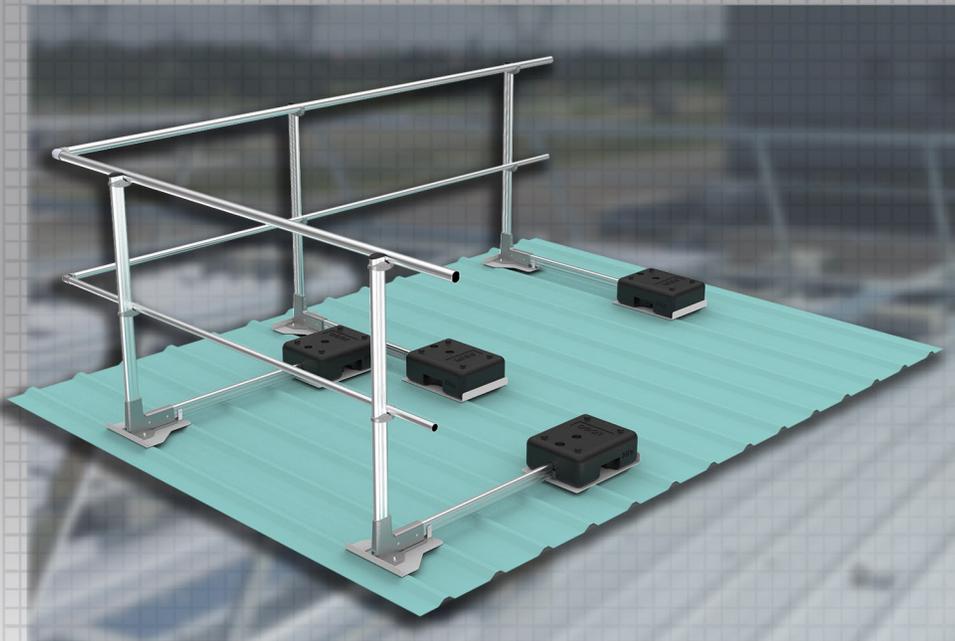
Insert upright module into base then fix it by set screws



## STEP 03

Put handrail and kneerail onto tube fixing then fix them by tightening screws

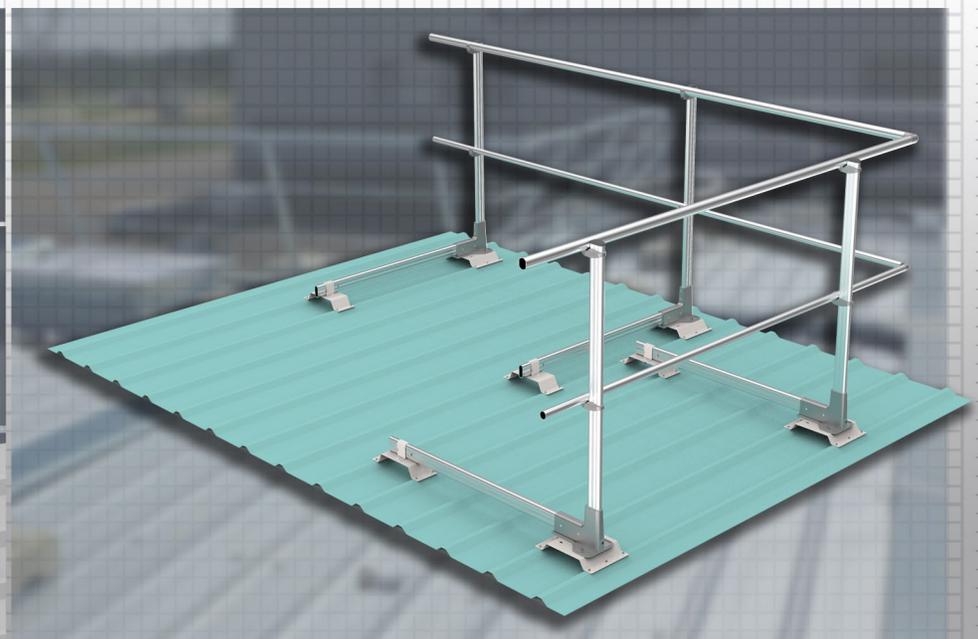
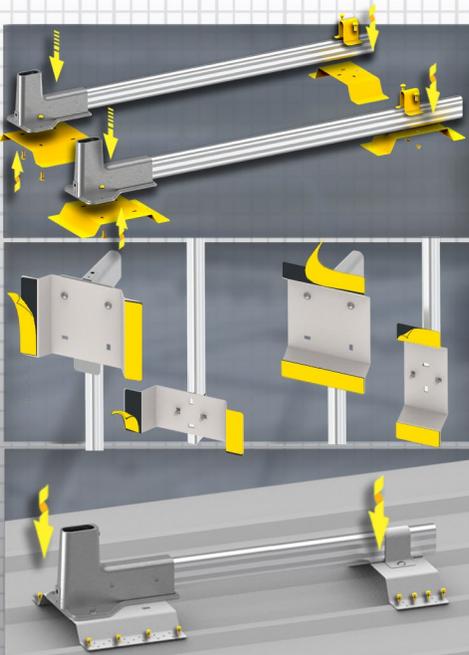
## Non-fixed Solution For Metal Roof Scenario



# STEP

- ① Put base module onto connect plate and fasten these two separate parts by self taper screws or rivets.
- ② Put end of tube from base module onto another connect plate and fasten it by self taper screws or rivets.
- ③ After base module was fastened onto metal roof fixing, put concrete-filled counterweight over end of tube and fasten by self taper screw.

## Fixed Solution For Metal Roof Scenario



# STEP

- ① Bolt up base module and arched plate with rivets on both ends.
- ② Tape the edge of arched plate by insulation tape, and peel the release liner off before positioning.
- ③ After base module was fastened onto arched plate, bolt up the plate to corrugated roof.

**Note:** The insulation tape is intended to fill up the gap between taper screw and drilling hole, to prevent seepage.



1

WALL  
FIXING



2

Φ 40MM  
RAILING



3

TUBE  
FIXING



4

VARIABLE  
CORNER



5

TUBE  
JUNCTION



6

UPRIGHT  
MODULE



7

25KG  
COUNTERWEIGHT



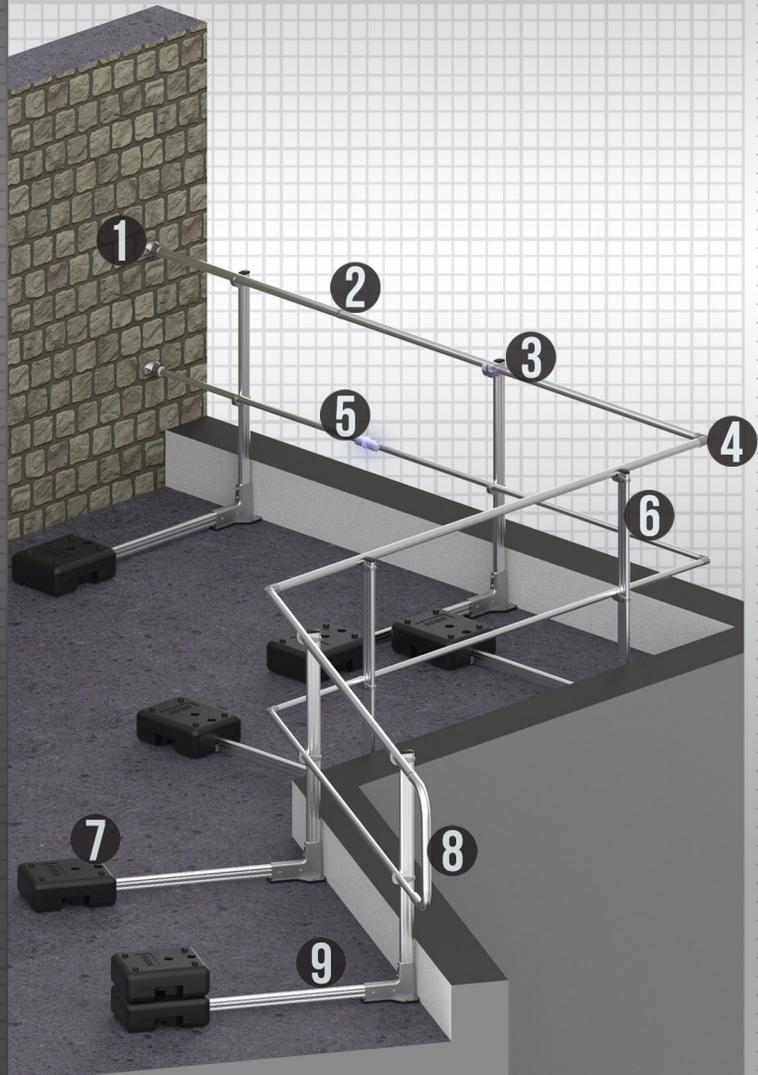
8

FREE  
ENDS



9

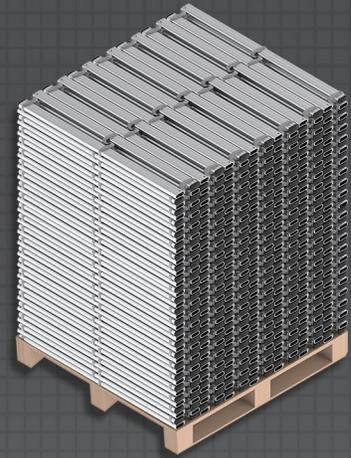
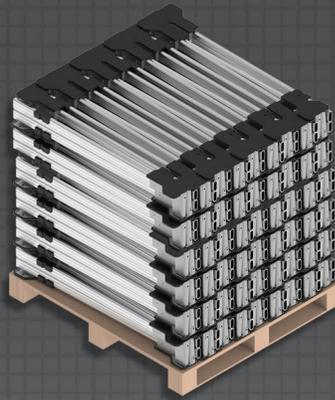
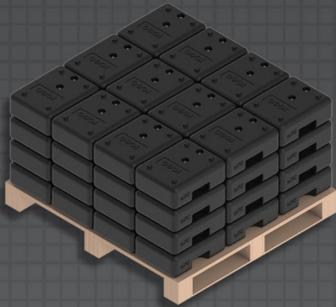
BASE  
MODULE





## Railing pack

5-pcs per pack, wrapped by stretch film



## Counterweight pallet

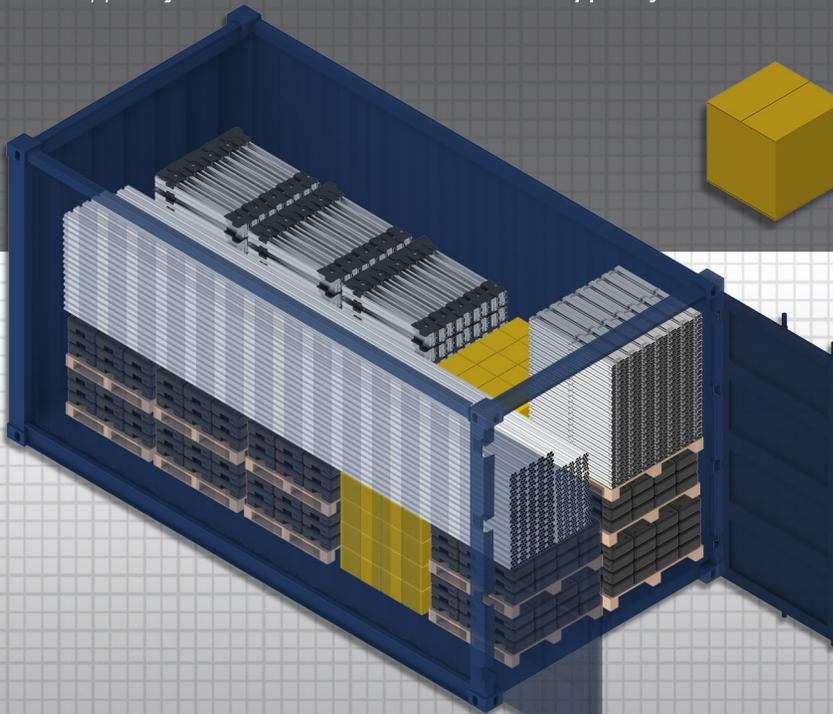
48/36-pcs per pallet, wrapped by stretch film

## Base module pallet

Approx. 216-pcs per pallet, wrapped by stretch film

## Upright module pallet

Approx. 552-pcs per pallet, wrapped by stretch film



## Accessories box

Tube junction, variable corner, wall fixing, closure bends etc included

## A 20' GP container

Capable of loading approx. 1000 meters of guardrail system, in standard situation

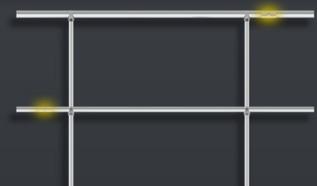


## Toeboard (Optional item)

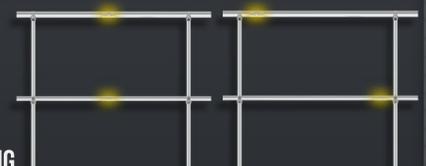
Prevent small objects slip off from the edge  
Prevent personal slip off from the edge



TUBE JUNCTION  
RECOMMENDED POSITIONING



NOT  
RECOMMENDED POSITIONING





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