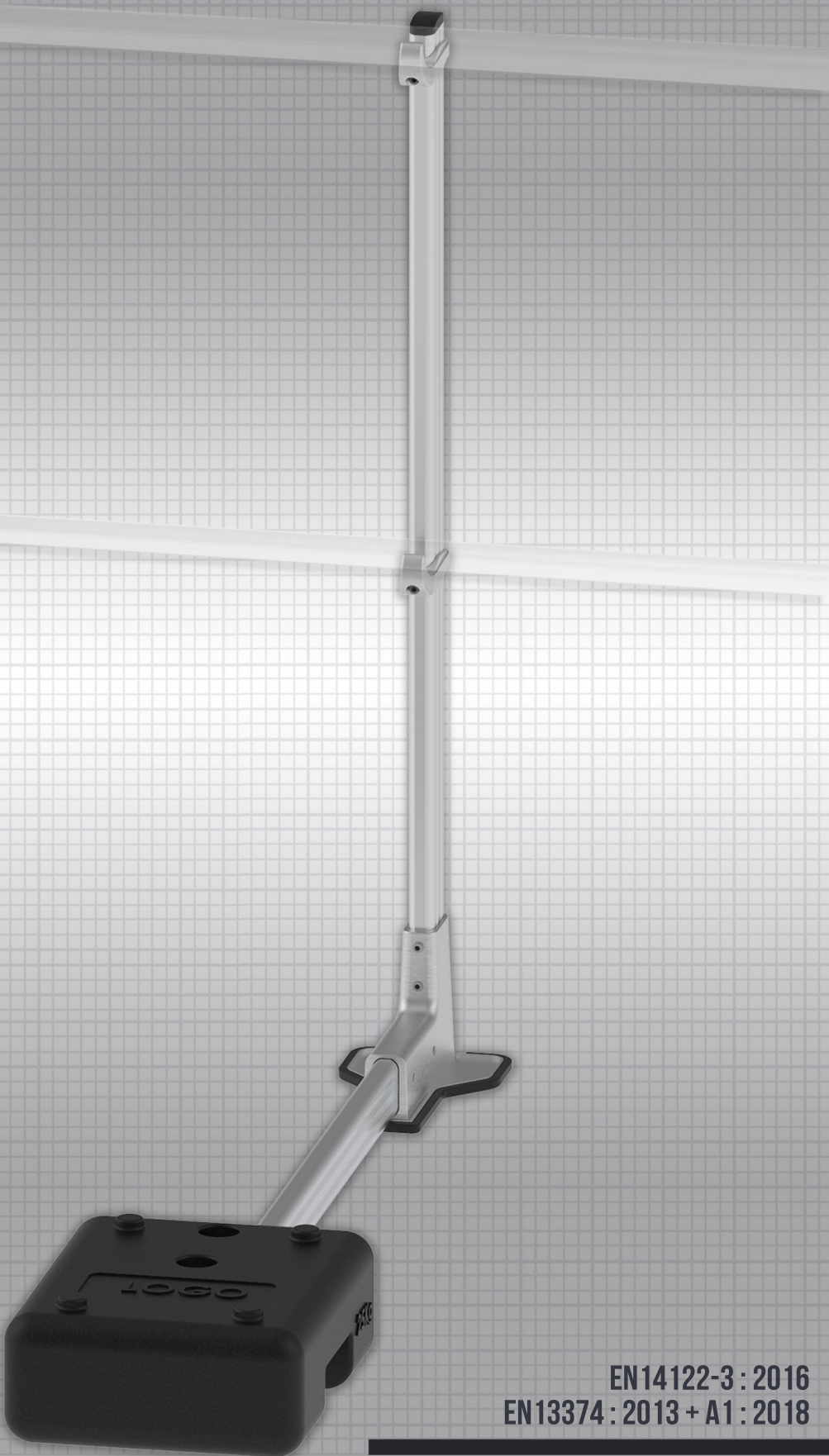
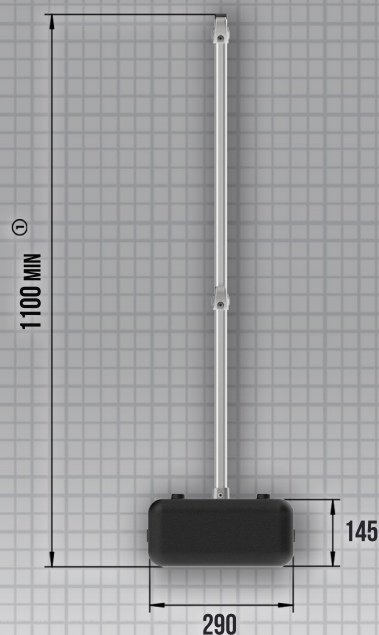


FREETESTANDING

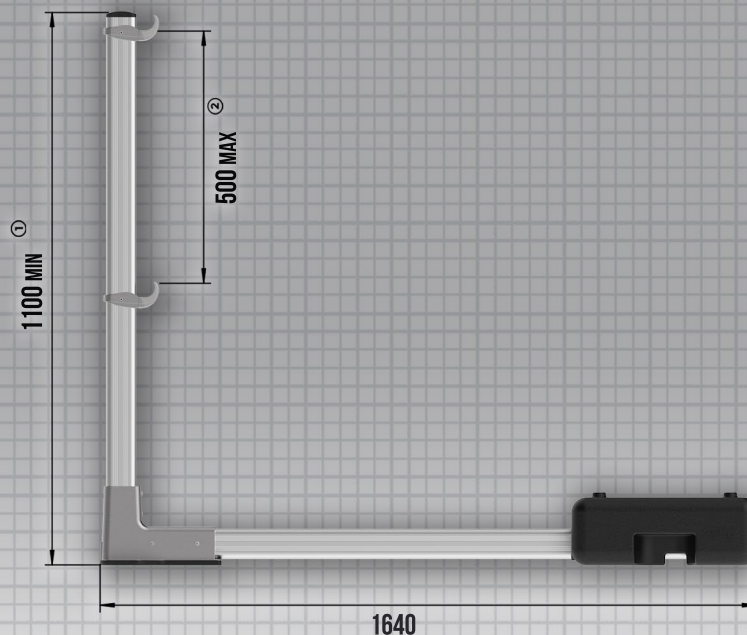
ROOFTOP



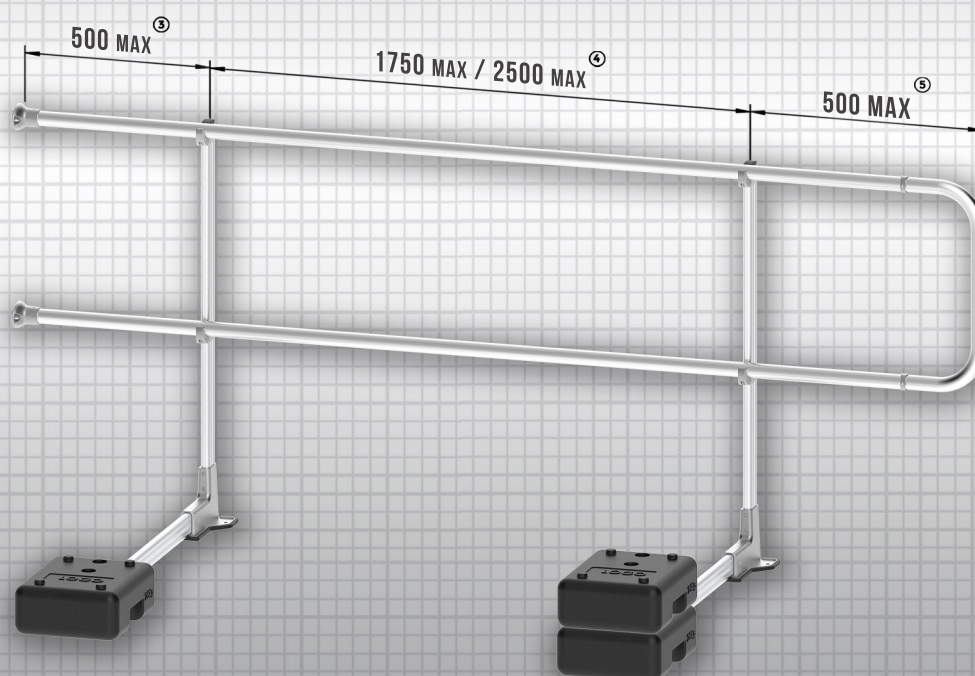
EN14122-3:2016
EN13374:2013 + A1:2018



FRONT VIEW



SIDE VIEW



ISOMETRIC VIEW

LONGDYES
WORKSITE SAFETY +
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

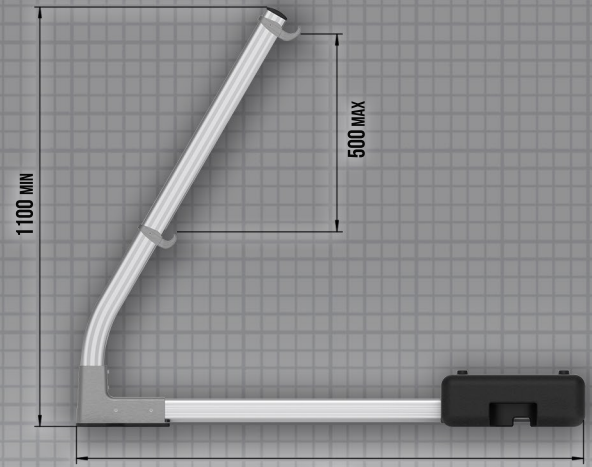
Freestanding Guardrail Also Pairs With Following Post Styles



CURVED



FRONT



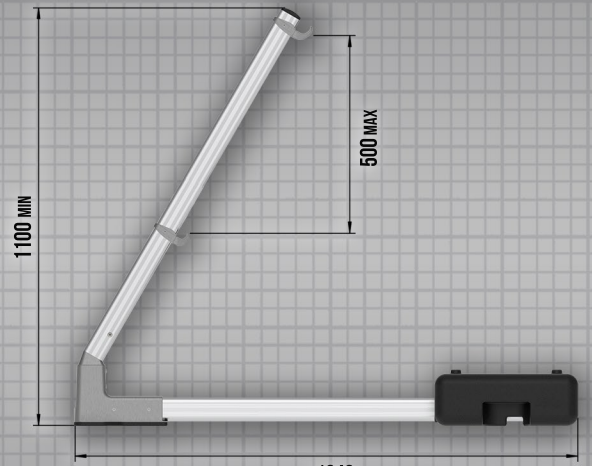
SIDE



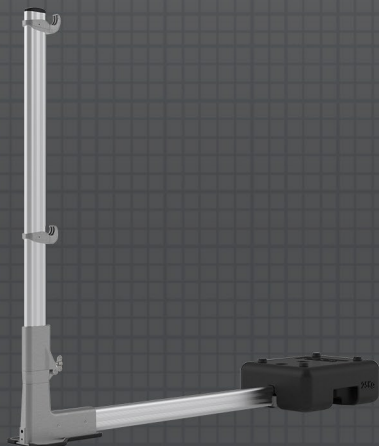
INCLINED



FRONT



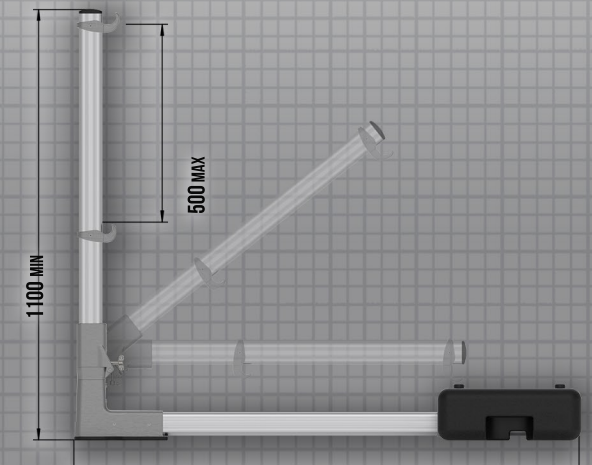
SIDE



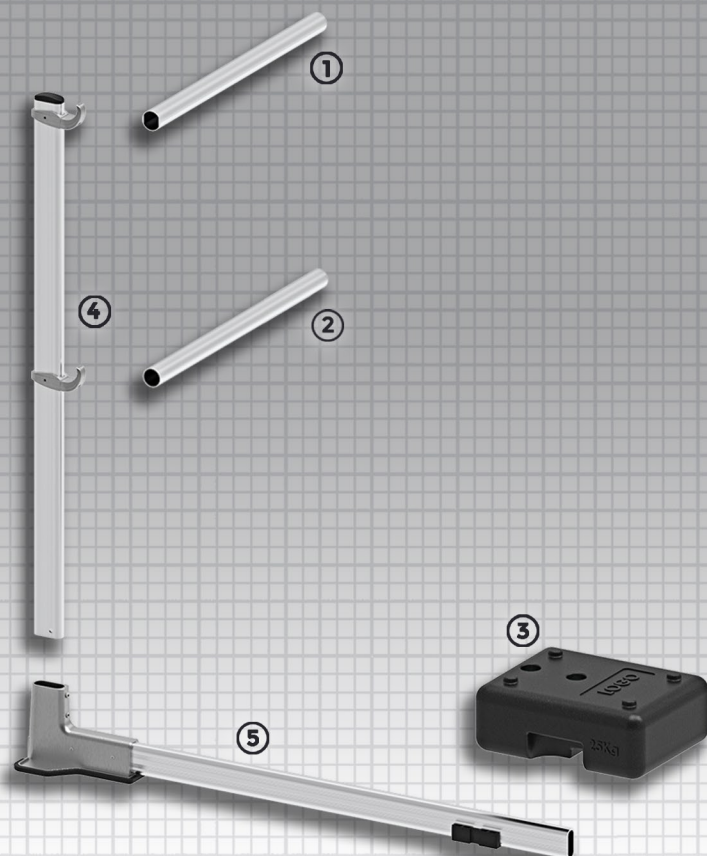
FOLDABLE



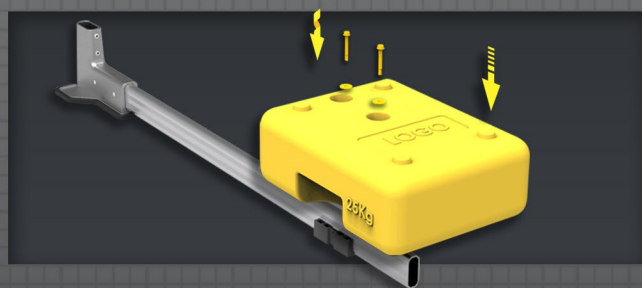
FRONT



SIDE

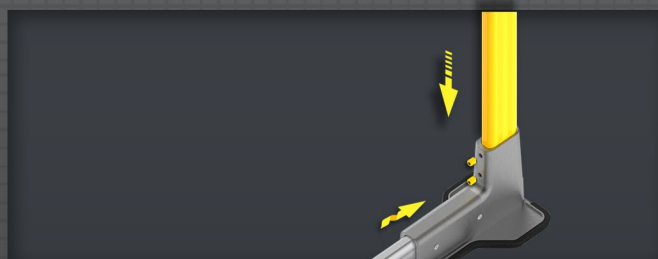
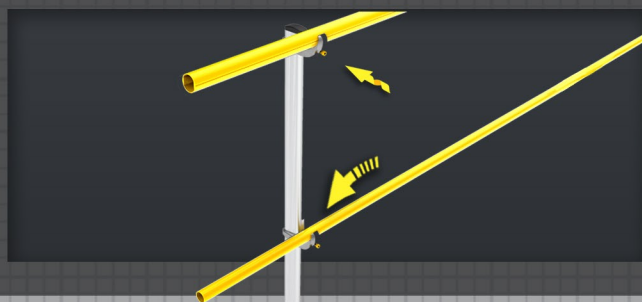


- ① **Handrail**
φ40 mm tube
- ② **Kneerail**
φ40 mm tube
- ③ **Counterweight**
Max weight 25KG
- ④ **Post module**
Tube fixing, profile, plastic cap included
- ⑤ **Base module**
Holder, profile, plastic connector included



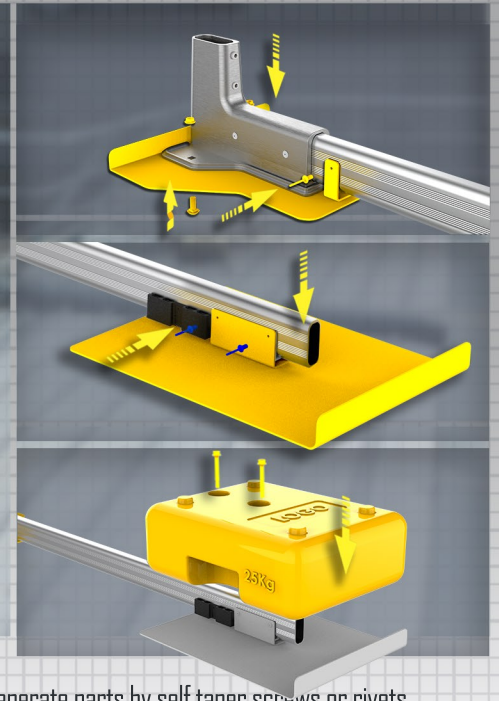
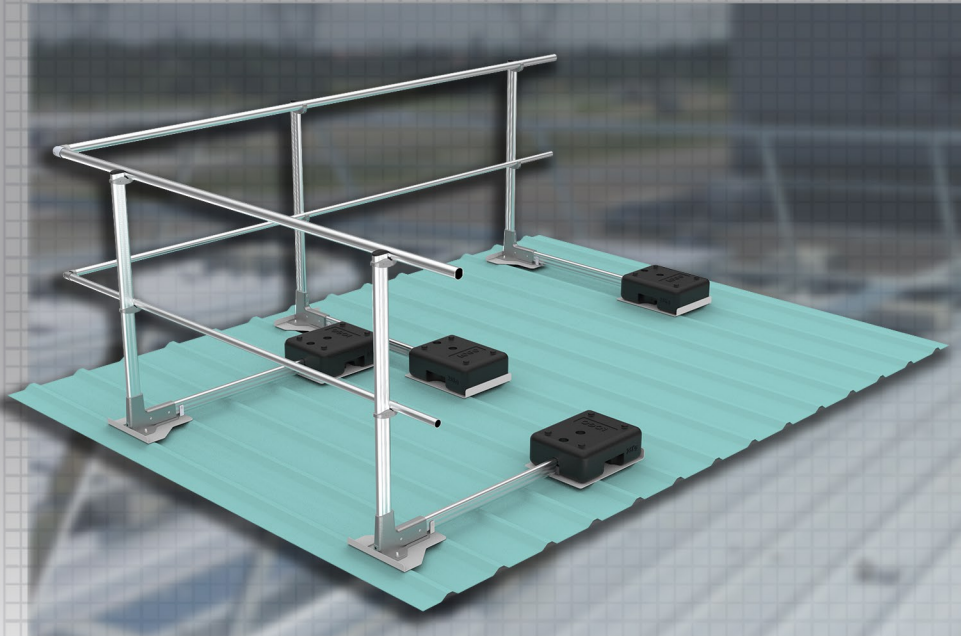
STEP 01
Put counterweight onto the base module
then fix it by taper screws

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

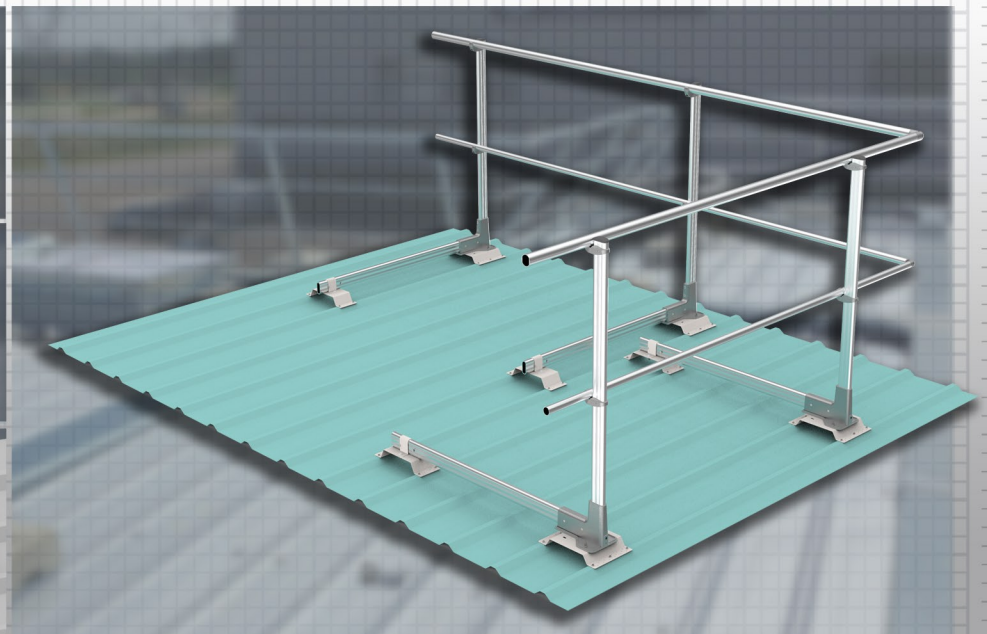
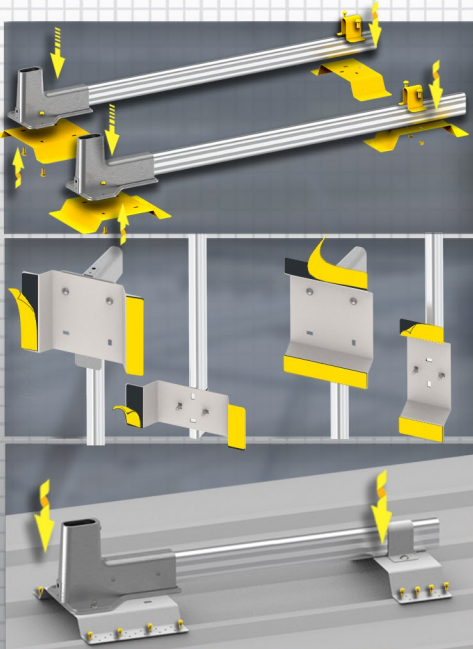
Non-fixed Solution For Metal Roof Scenario



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**



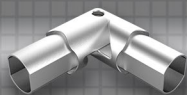
2

**Φ 40MM
RAILING**



3

**TUBE
FIXING**



4

**VARIABLE
CORNER**



5

**TUBE
JUNCTION**



6

**UPRIGHT
MODULE**



7

**25KG
COUNTERWEIGHT**



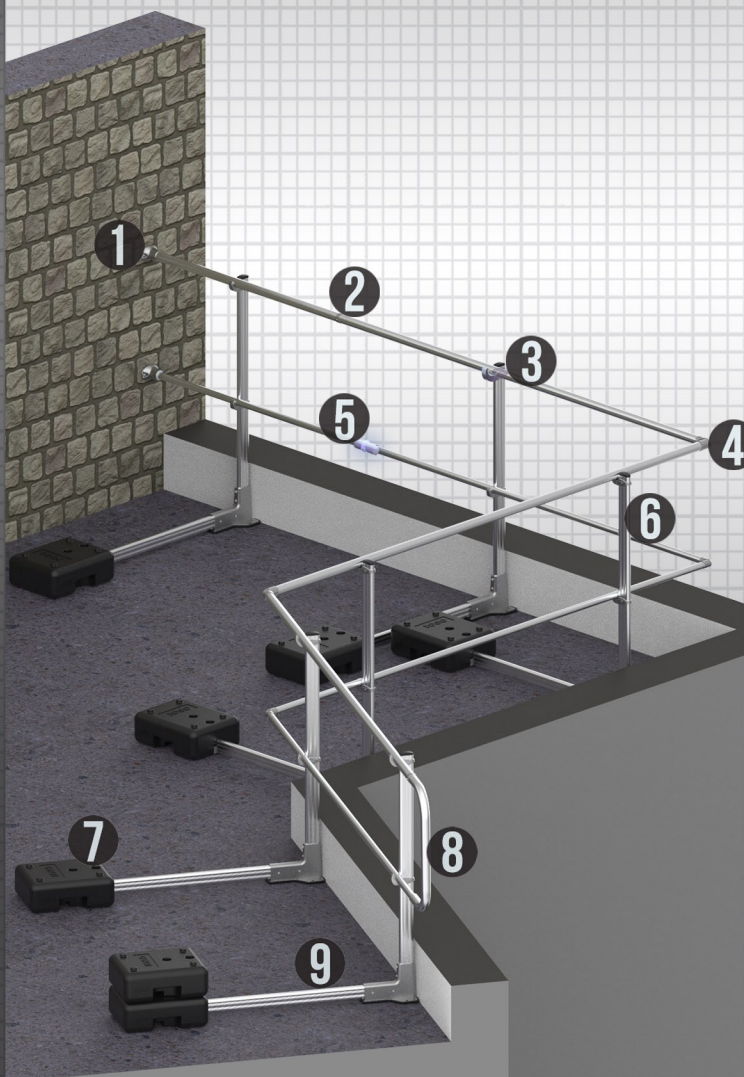
8

**FREE
ENDS**



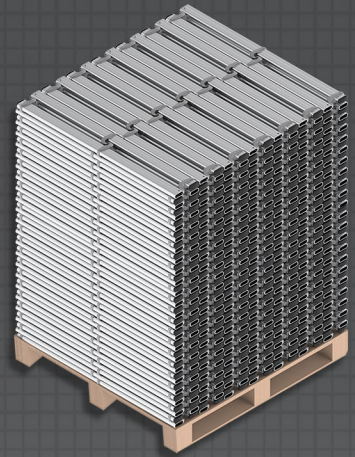
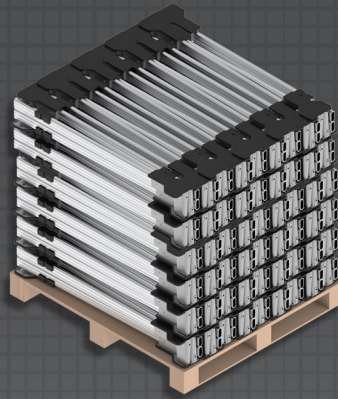
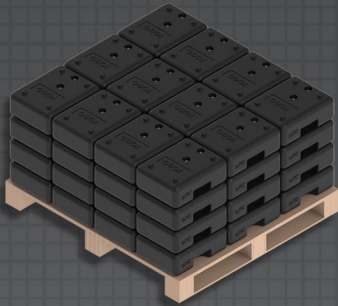
9

**BASE
MODULE**



Railing pack

5-pcs per pack, wrapped by stretch film



Counterweight pallet

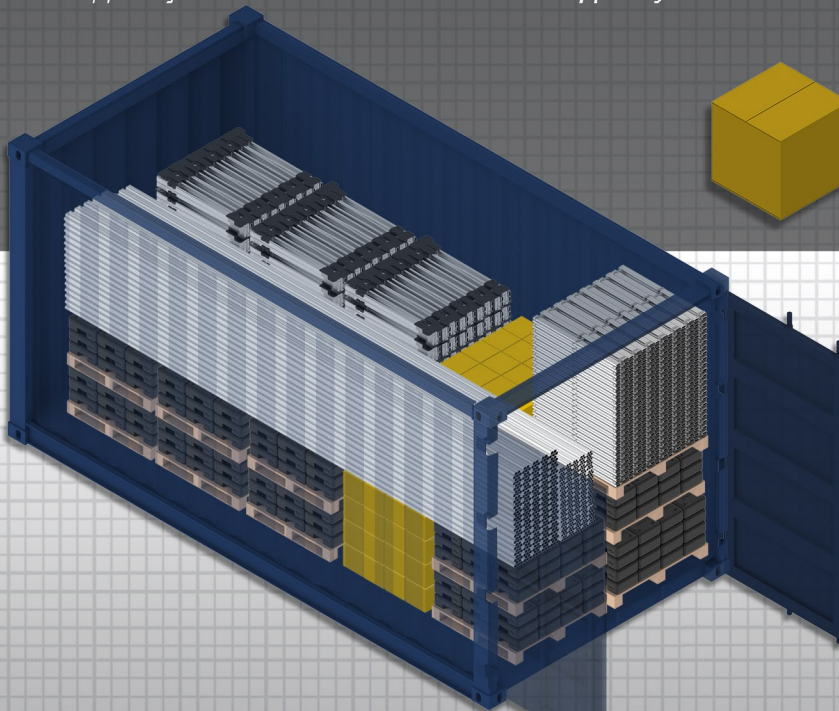
48/36-pcs per pallet, wrapped by stretch film

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





www.longdyes.com



OFFICE

Room 3006, Tower 3, Excellence Century Center,
No.31 Longcheng Road, Qingdao, China

PHONE: +86 532 83932416

MAIL: info@longdyes.com

FACTORY

No.8 Baolilai Road,
Qingdao, China