LONGDYES
WORKSITE SAFETY +

V4-GUARDRAIL SYSTEM

V4-FS100
FREESTANDING

COMPLIED WITH

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

LONGDYES WORKSITE SAFETY +
FREESTANDING

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.

USE 2 BALLASTS ON THE END OF GUARDRAIL SYSTEM

① The minimum allowed vertical height of post is 1100mm

② The maxmium allowed height between handrail and kneerail is 500mm

③ The maximum distance between final post and free end is 500mm

④ The maximum distance between variable corner to first post is 250mm

⑤ The maximum allowed interval is 1750mm/2500mm   (ENI4122:3/ENI3374:2013)

⑥ The maximum distance between wall and first post is 500mm

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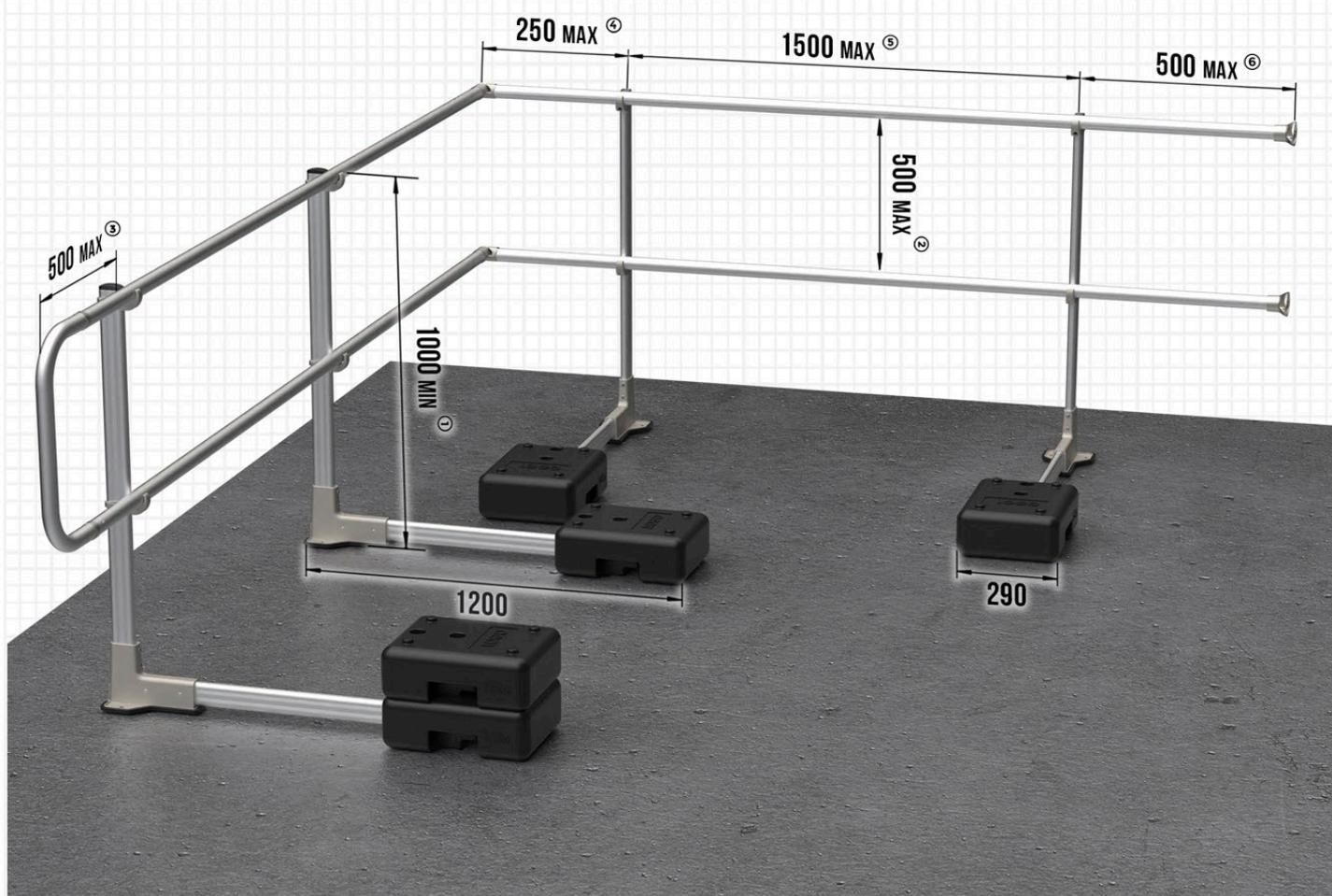

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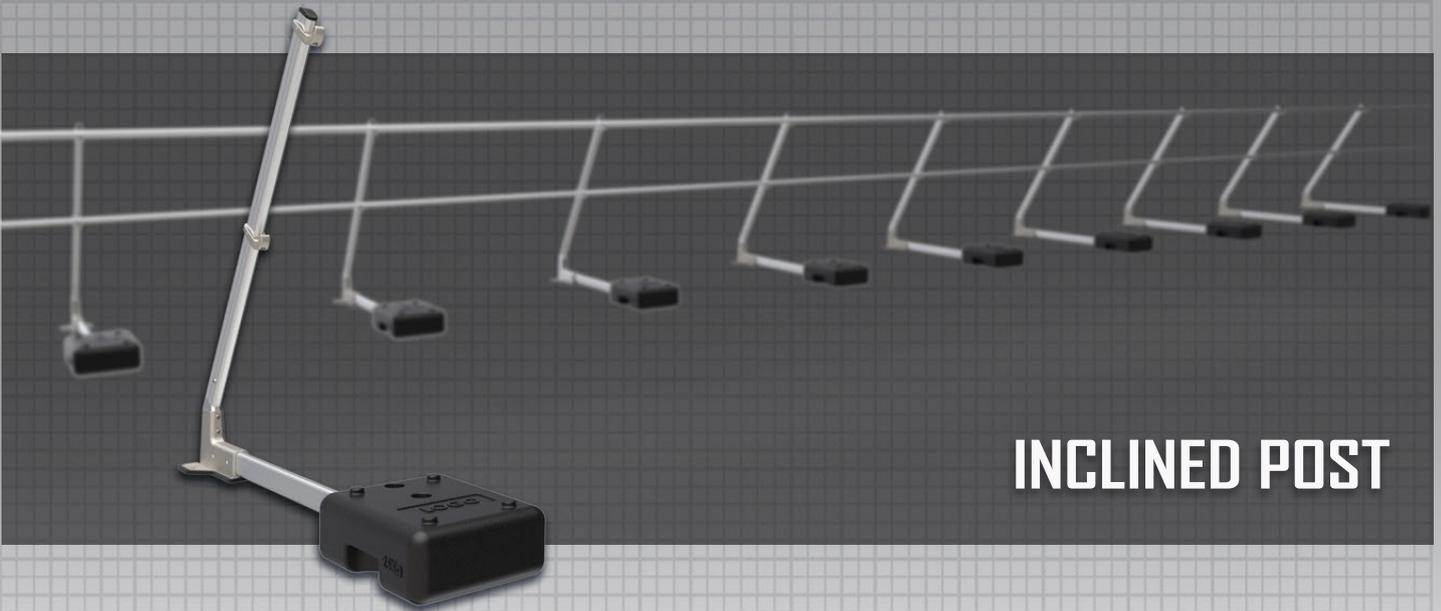
INCLINED POST
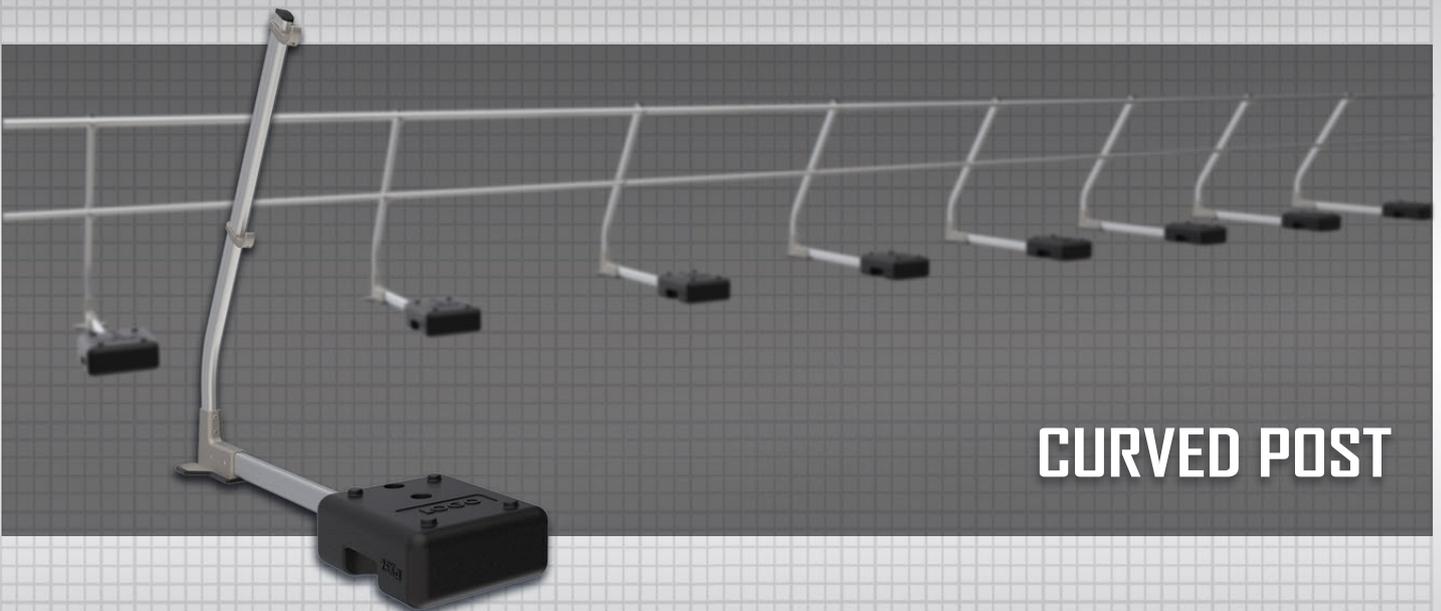
CURVED POST
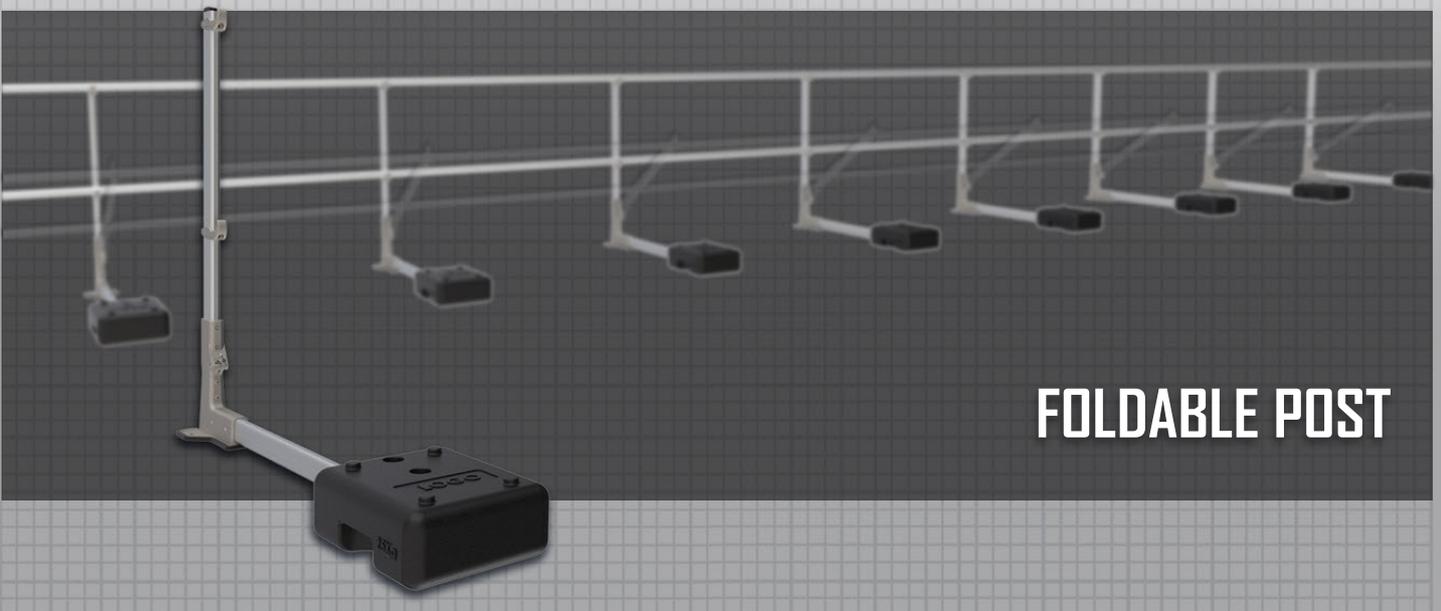
FOLDABLE POST

BASE

Sit the counterweight right on the polymer stopper, and drill the borehole on stanchion. Then screw the bolt and washer onto it
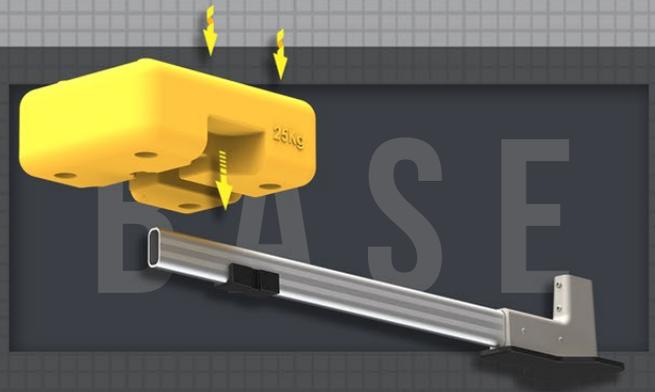
UPRIGHT

Insert upright module into base, then fix it by set screws

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

RAILING

JUNCTION

Use tube junction to extend the railing, once the tube and junction get connected, fixed tube to junction by tekscrew

👍 RECOMMENDED POSITION

👎 NOT RECOMMENDED POSITION

Toeboard (Optional item)

PARGS & PACKAGES

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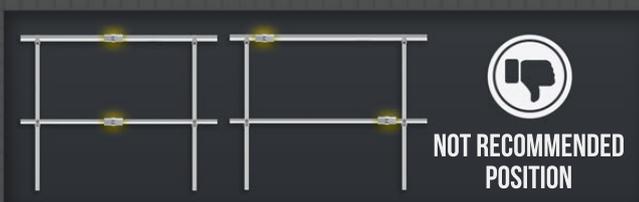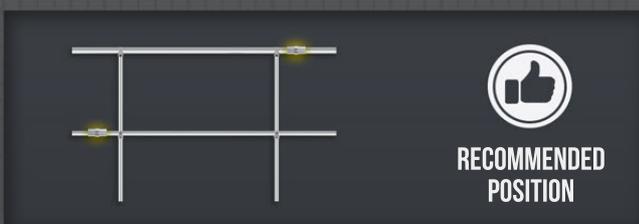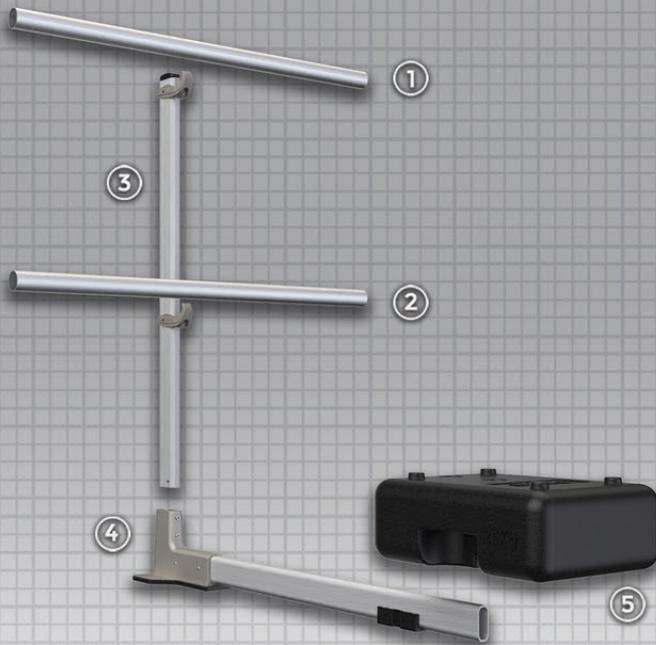
① **Handrail**
φ40 mm reinforced tube

② **Kneerail**
φ40 mm tube

③ **Post module**
Other styles: INCLINED, CURVED, FOLDABLE

④ **Base module**
Holder, profile, plastic connetor included

⑤ **Counterweight**
25kgs

A 20'GP Container

*capable of carrying approx.
1500 meters of guardrail system*

POST MODULE PALLET
400-800 pcs per pallet

BASE MODULE PALLET
120 220 pcs per pallet

COUNTERWEIGHT PALLET
27 36 pcs per pallet
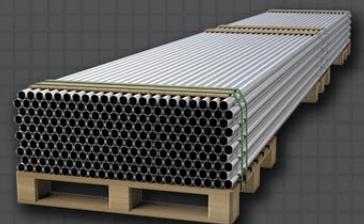
RAILING PACK PALLET
*225 450pcs per pack
Length 3.0 / 5.8 meter*

* all kinds of pallets are wrapped in stretch film

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1	FREE **ENDS**
2	REINFORCED **RAILING**
3	STANDARD **RAILING**
4	POST **MODULE**
5	BASE **MODULE**

VARIABLE **CORNER**	6
TUBE **JUNCTION**	7
TUBE **FIXING**	8
COUNTER **WEIGHT**	9
WALL **FIXING**	10