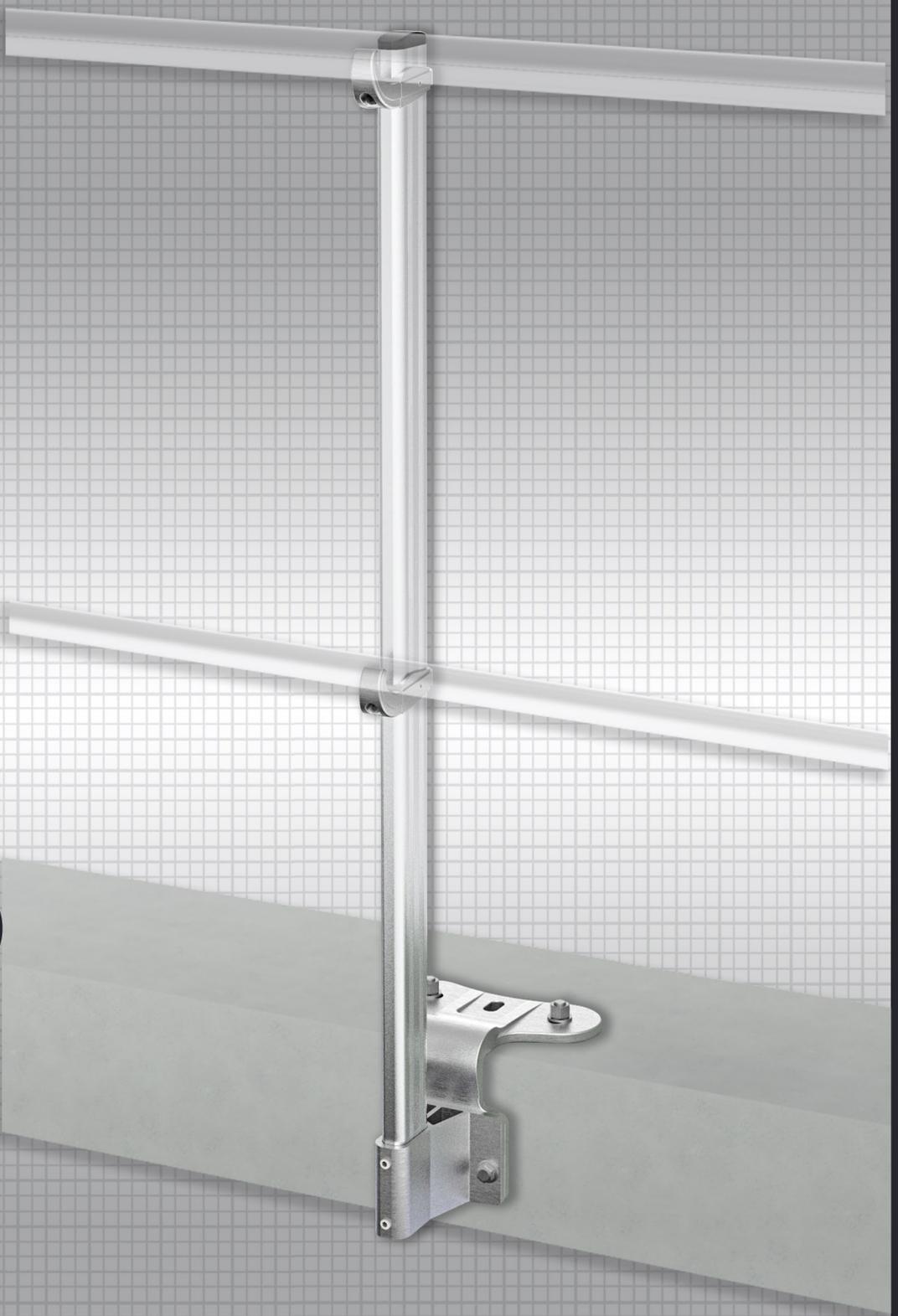
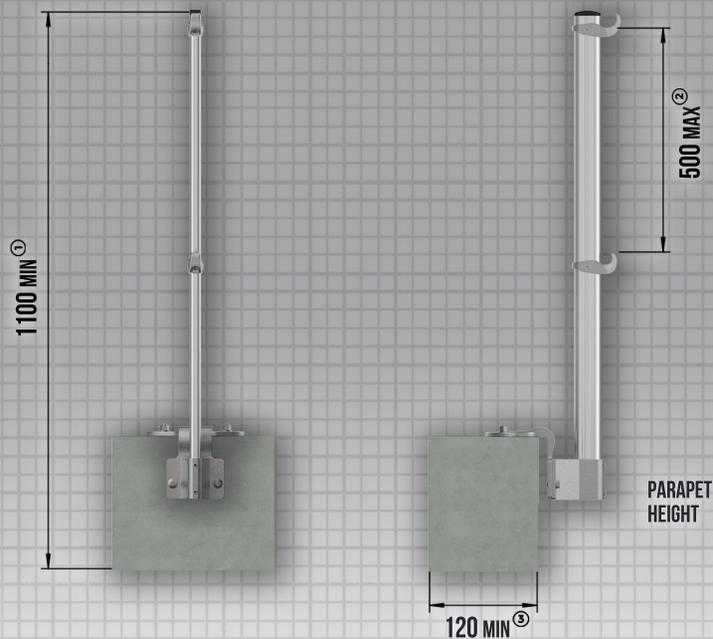


ROOFTOP



# TYPE BRACKET

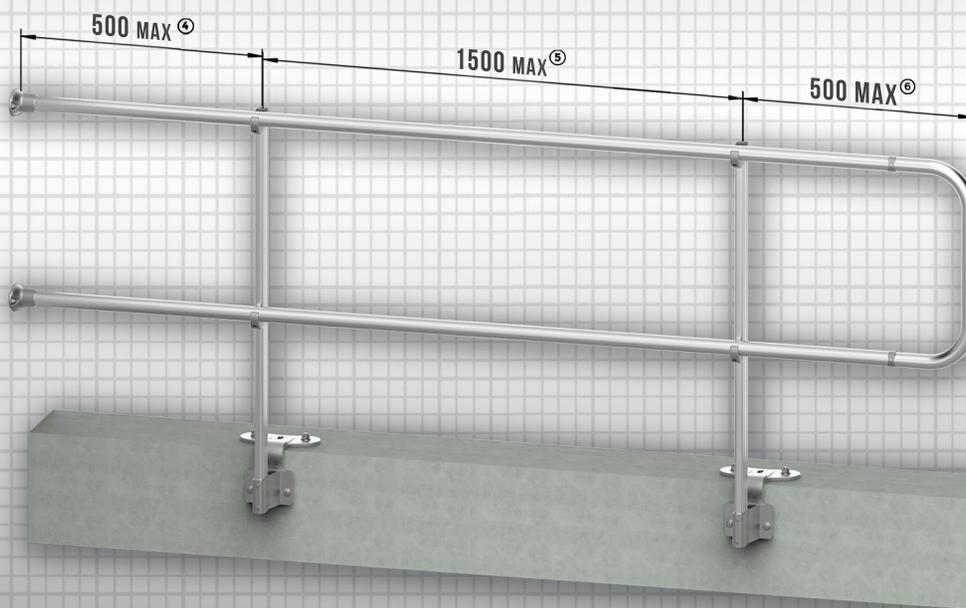
EN14122-3 : 2016



**FRONT VIEW**

**SIDE VIEW**

Parapet H.	Upright H.
201 to 300 mm	900 mm
301 to 400 mm	800 mm
401 to 500 mm	700 mm
501 to 600 mm	600 mm
601 to 700 mm	500 mm
701 to 800 mm	400 mm



**ISOMETRIC VIEW**

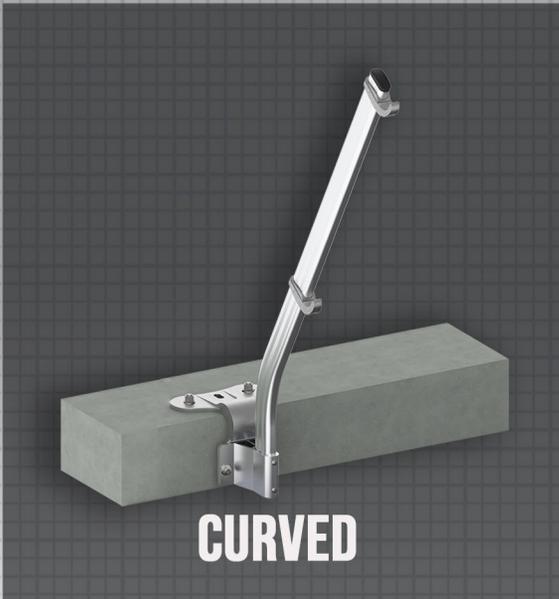
**LONGDYES!**  
**Z-TYPE BRACKET**

EN14122-3:2016

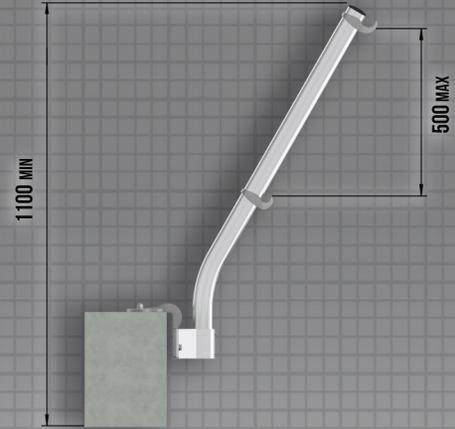
Z-type bracket is adapted to attach to the parapet below the covering. Therefore the installation of the guardrail does not interfere with the tightness of the parapet, guaranteed by the covering. Z-type bracket apply several thickness of parapet, 70mm, 130 mm and 160mm.

- ① The minimum vertical height of post is 900mm
- ② The maximum height between handrail and kneerail is 500mm
- ③ The minimum thickness of parapet should be greater than 120mm
- ④ The maximum distance between wall and first post is 500mm
- ⑤ The maximum allowed interval is 1500mm (EN14122:3)
- ⑥ The maximum distance between last post and free end is 500mm

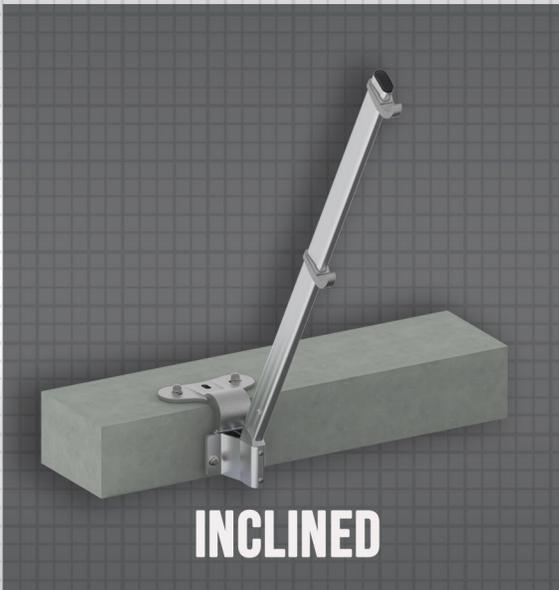
Z TYPE BRACKET GUARDRAIL ALSO PAIRS WITH...



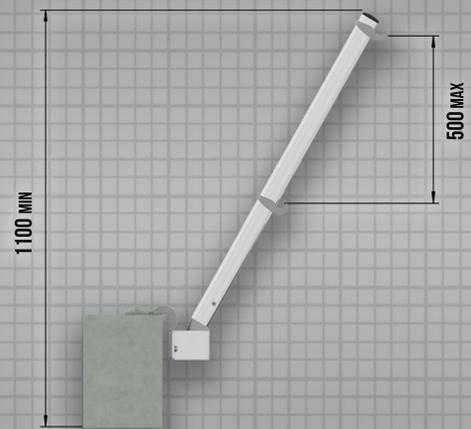
**FRONT**



**SIDE**



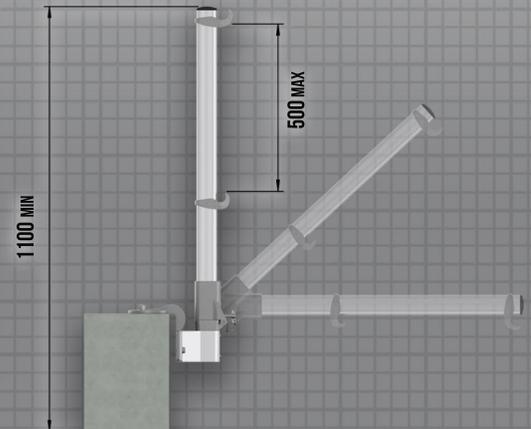
**FRONT**



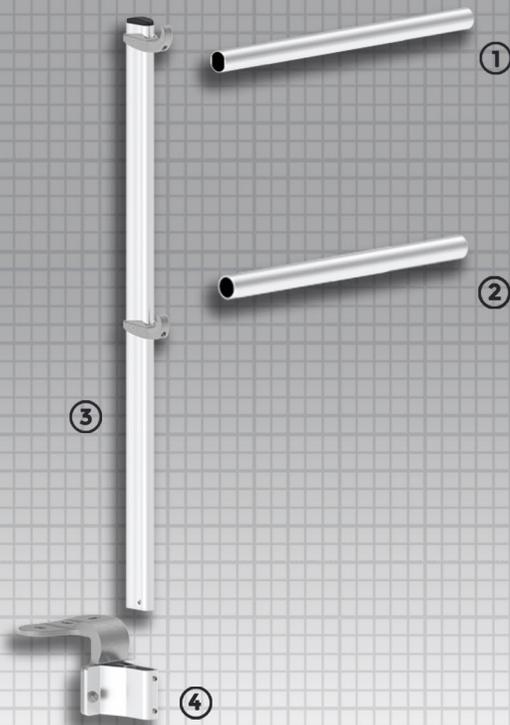
**SIDE**



**FRONT**



**SIDE**

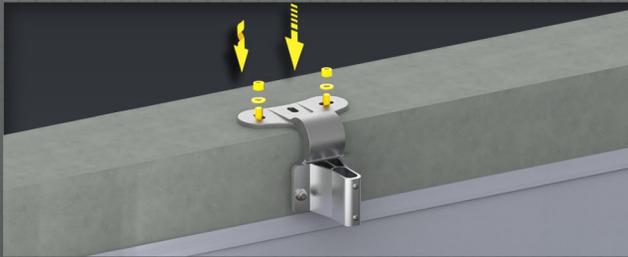


① Handrail  
*φ40 mm tube*

② Kneerail  
*φ40 mm tube*

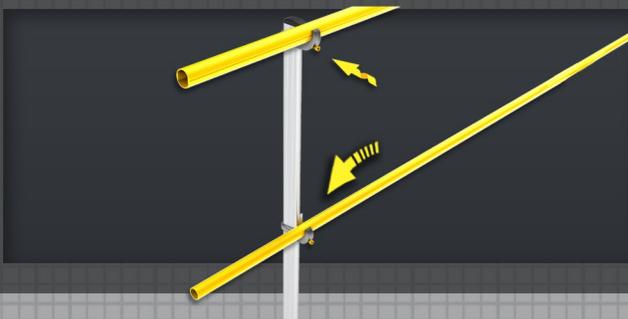
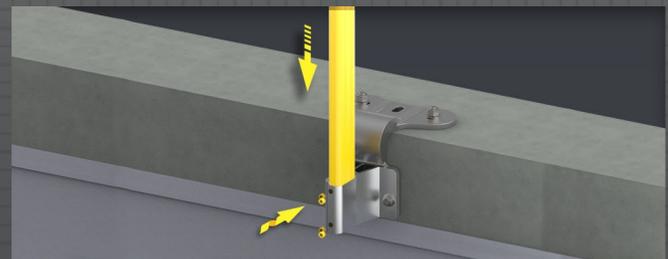
③ Upright module  
*Tube fixing, profile, plastic cap included*

④ Base  
*Z type bracket*



**STEP 01**  
Put Z type bracket atop of parapet barrier then fix it by taper screws

**STEP 02**  
Insert upright module into Z type bracket base then fix it by set screws



**STEP 03**  
Put handrail and kneerail onto tube fixing then fix them by tightening screws



**1**

**WALL  
FIXING**



**2**

**Φ 40MM  
RAILING**



**3**

**TUBE  
FIXING**



**4**

**VARIABLE  
CORNER**



**5**

**TUBE  
JUNCTION**



**6**

**UPRIGHT  
MODULE**



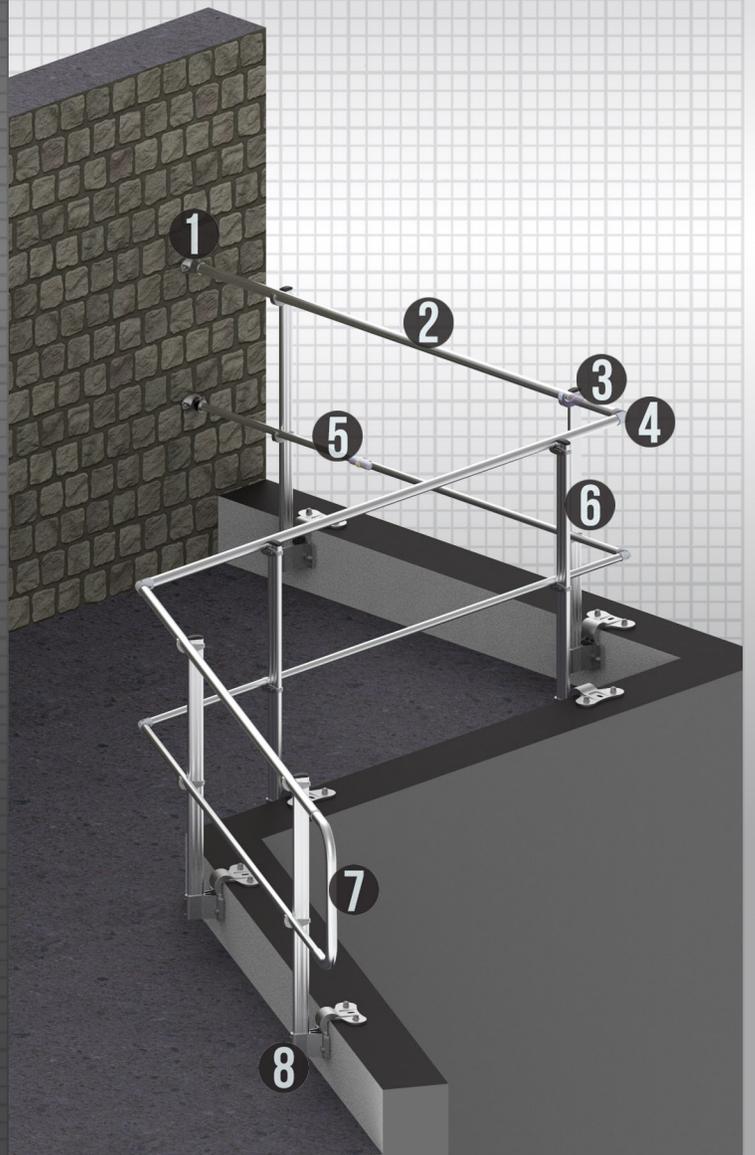
**7**

**FREE  
ENDS**



**8**

**Z TYPE  
BRACKET**





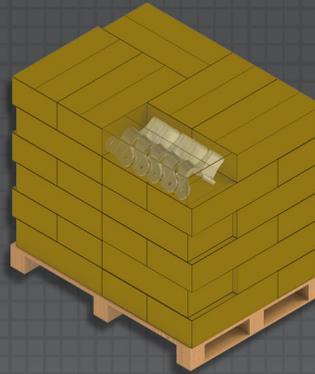
## Railing pack

5-pcs per pack in two different specs,  
length options: 3.0 or 5.8 m



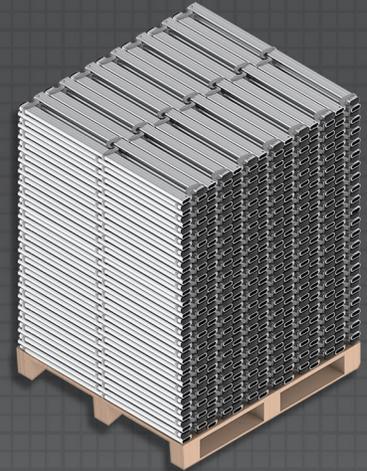
## Accessories box

Tube junction, variable corner,  
wall fixing, free ends included



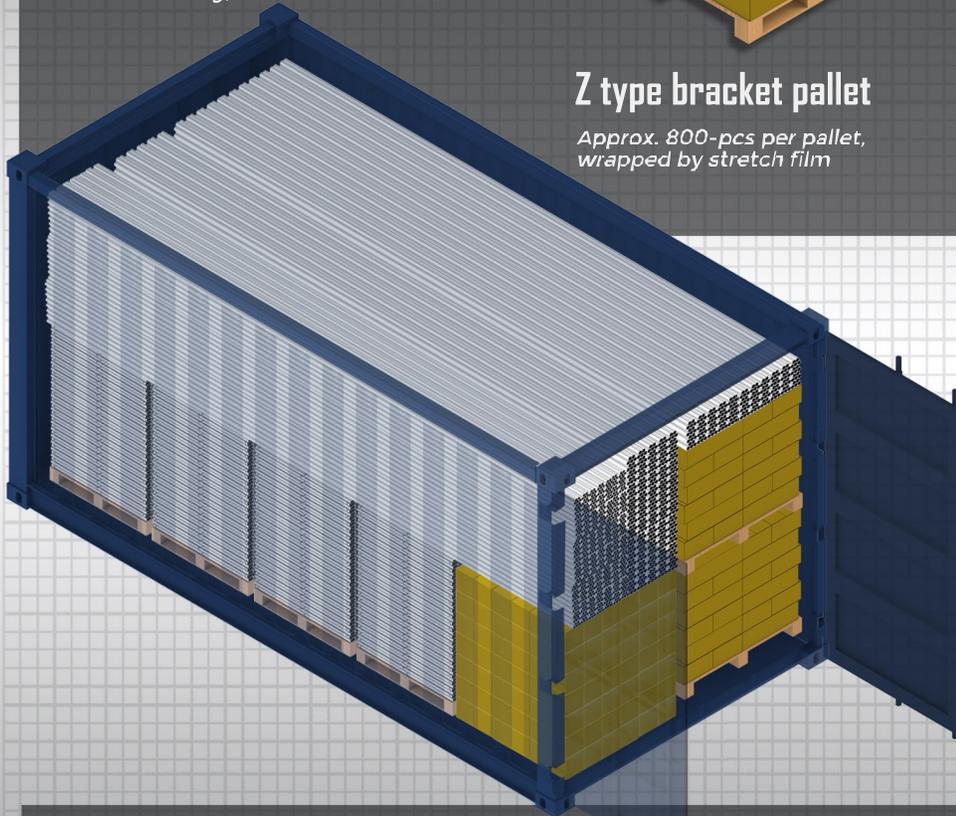
## Z type bracket pallet

Approx. 800-pcs per pallet,  
wrapped by stretch film



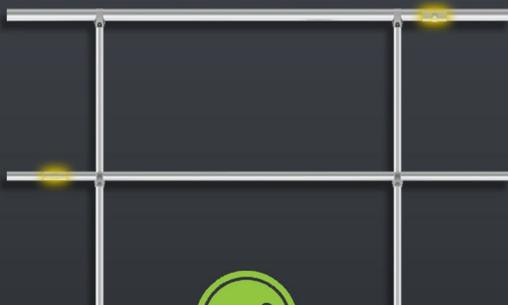
## Upright module pallet

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



## A 20' GP container

Capable of loading approx. 3200  
meters rooftop guardrail system,  
in standard situation



TUBE JUNCTION RECOMMENDED POSITIONING



NOT RECOMMENDED POSITIONING



[www.longdyes.com](http://www.longdyes.com)



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