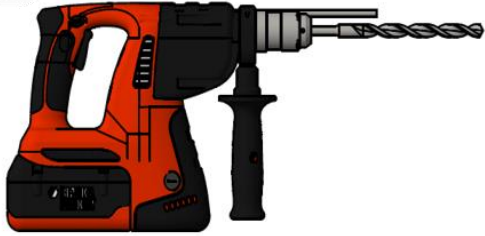




## Tools Needed



**Hand masonry Drill**



**14 & 16mm masonry Drill**



**17 Spanner**



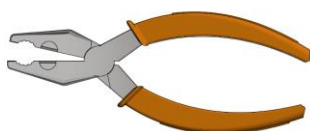
**115 grinder**

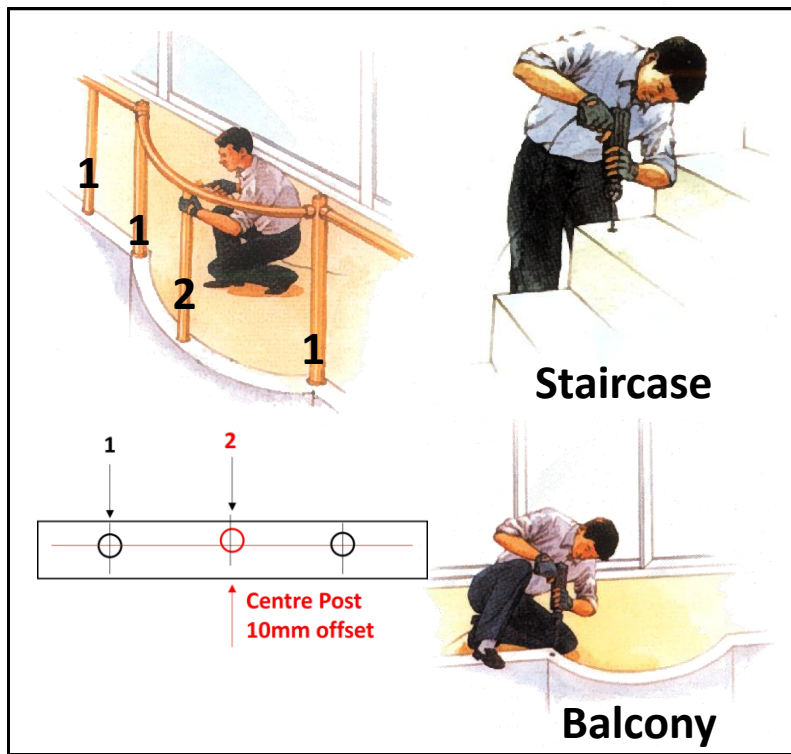


**Post Level**



**1mm Cutting Disc**



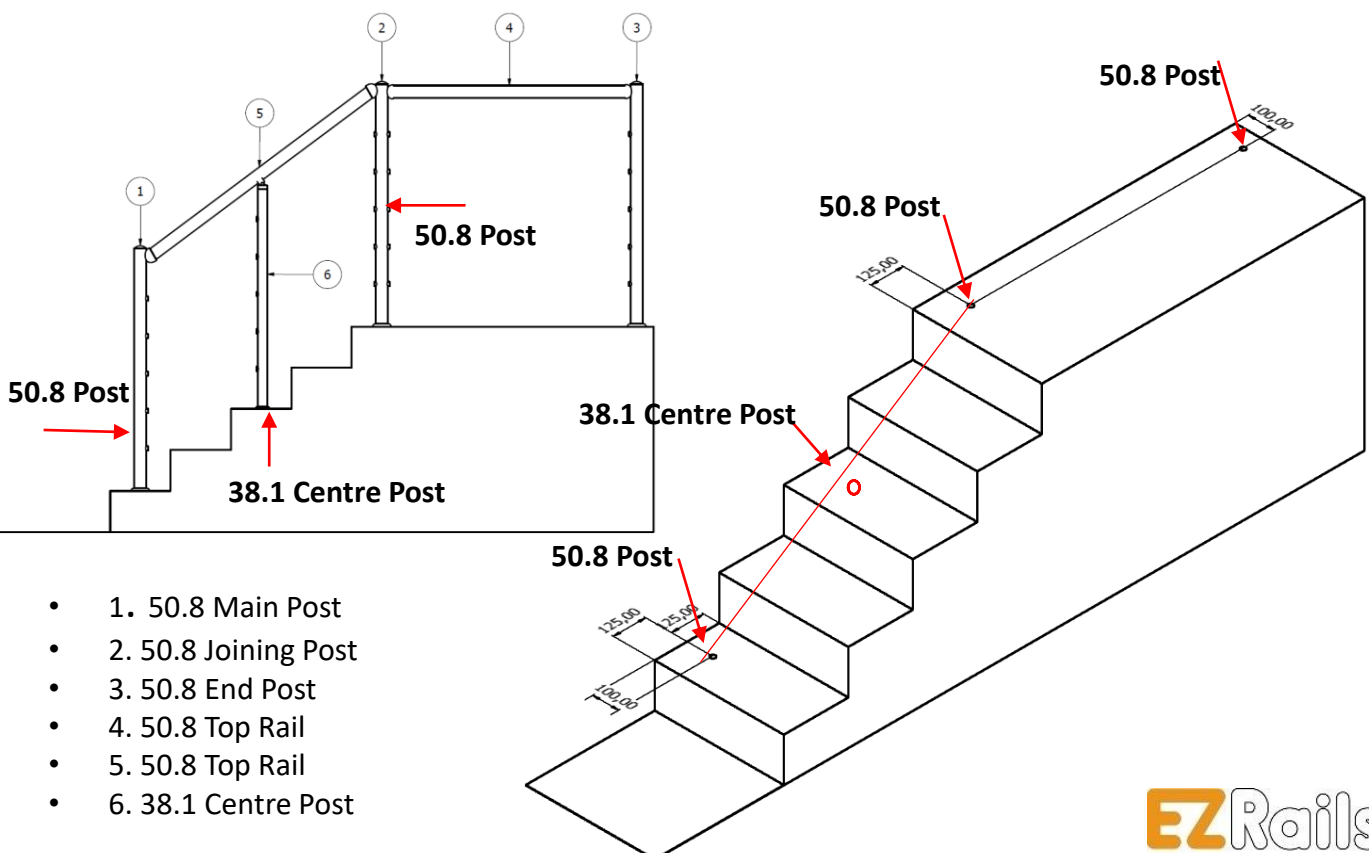
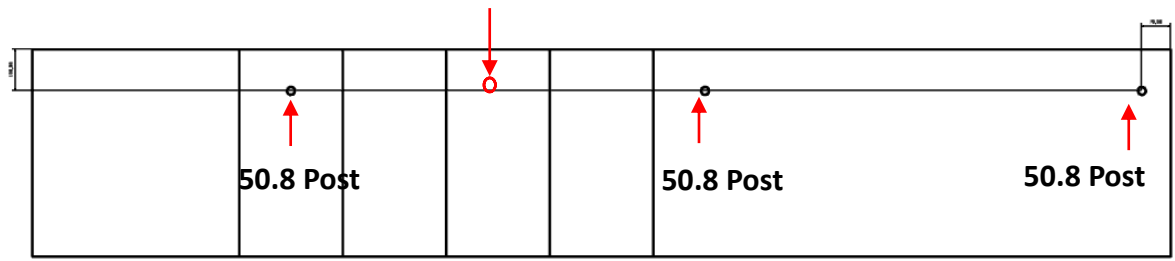


1

- Mark evenly spaced holes between posts
  - Place the centre of the middle post **10mm away** from its centre line.
  - Drill 16mm hole to accommodate centre post offset.
- 1. Ø50.8 Main Post
  - 2. Ø38.1 Centre post

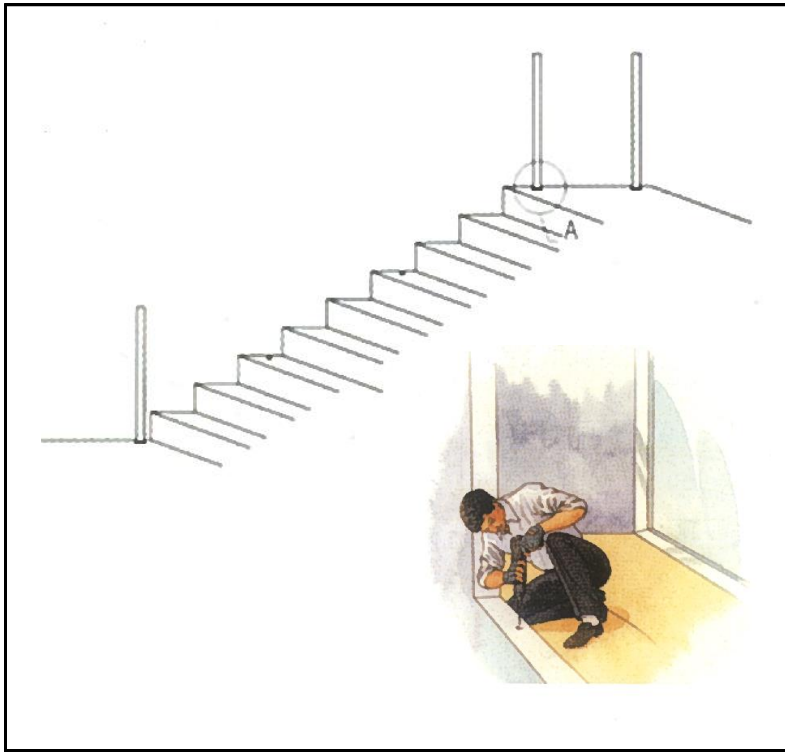


38.1 Centre Post 10mm offset



- 1. 50.8 Main Post
- 2. 50.8 Joining Post
- 3. 50.8 End Post
- 4. 50.8 Top Rail
- 5. 50.8 Top Rail
- 6. 38.1 Centre Post



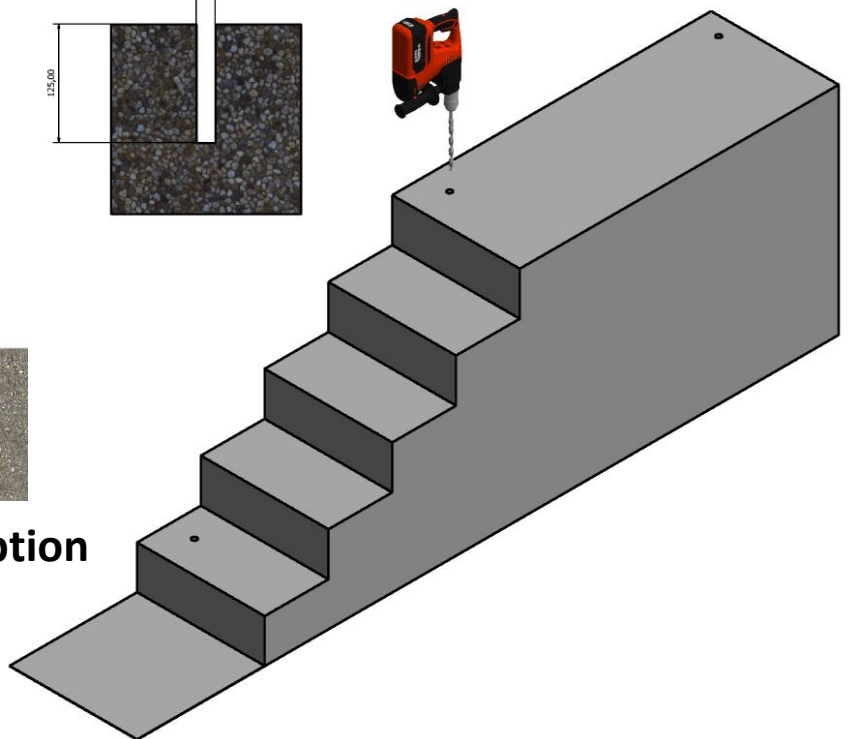
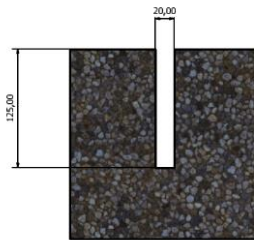
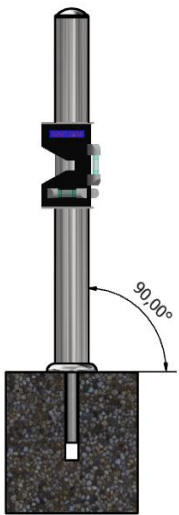


2

1 2 3  
Easy Install



- Drill 14mm hole 120mm deep.
- Use a two part epoxy (Recommended product Sika AP)
- Plant the post perpendicular
- Infills to be placed to the outer side of the balustrade



Post fixing option

- Masonry Drill
- Ø 14mm Drill
- Ø 16mm Drill
- Sika Epoxy
- EZRails Post Level



Post Level

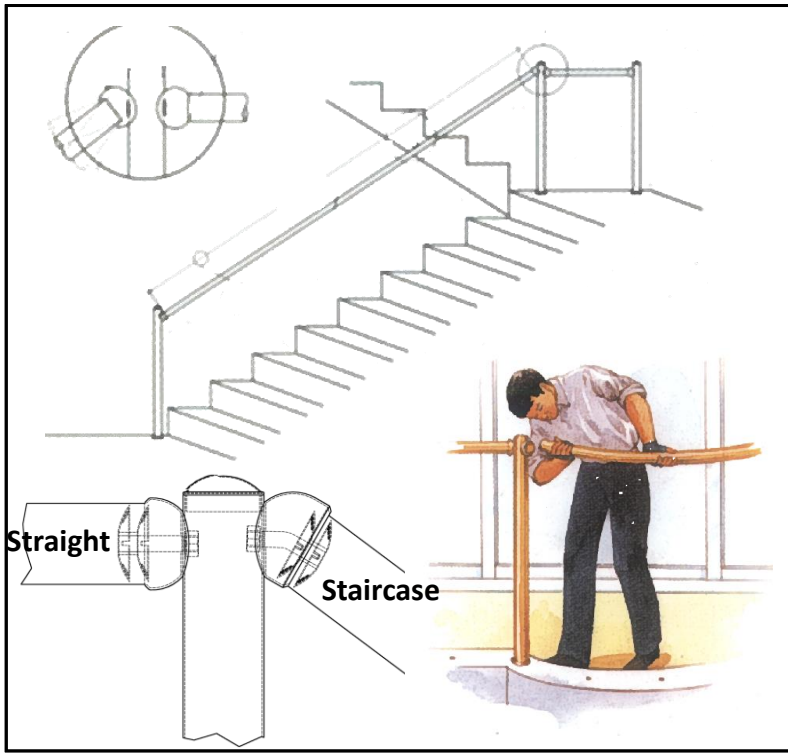
Epoxy

Ø14 / Ø16mm

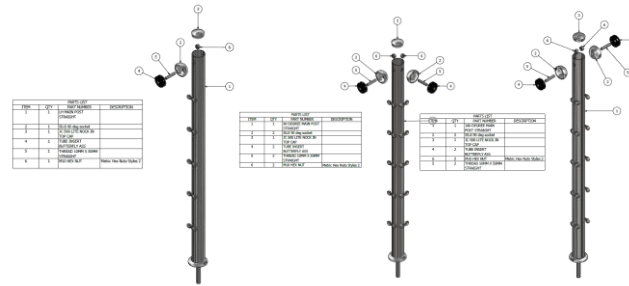
17 Spanner

EZRails®

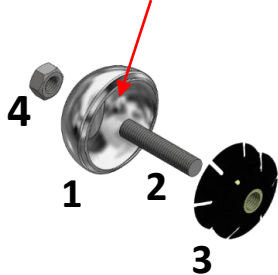
**3**



1. Measure the distance between the posts for top rail.
2. Insert the tube thread insert into Top rail with hammer.
3. Insert thread stud into thread and insert.
4. Fasten with nut inside of post until secure with 17 spanner.
5. Fit the cover over the top rail



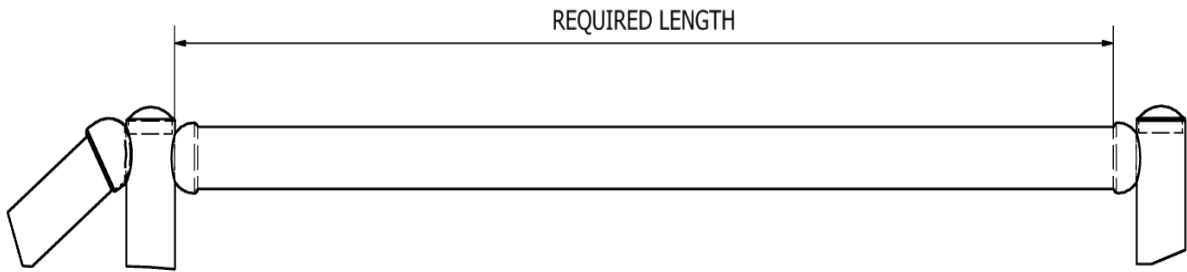
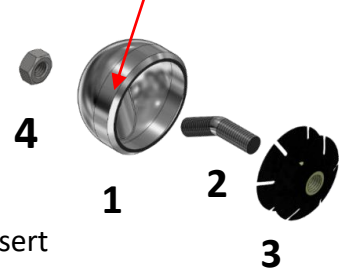
**Straight top rail sleeve connector**



**Top Rail Connector**

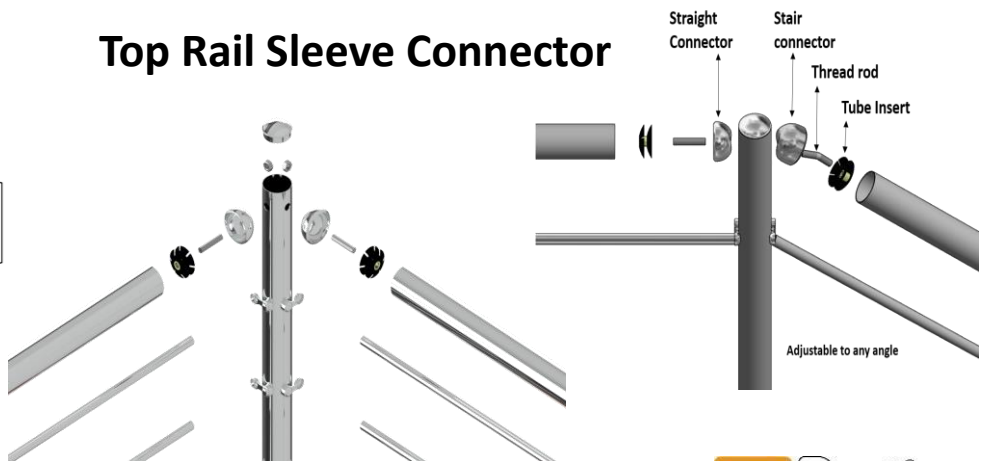
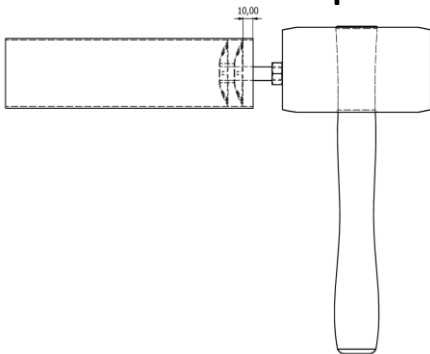
1. Top Rail Sleeve Connector
2. Threaded Stud
3. M10 Threaded tube top rail insert
4. M10 Nut

**Stair top rail sleeve connector**



**Top Rail Sleeve Connector**

**Threaded insert for top rail**



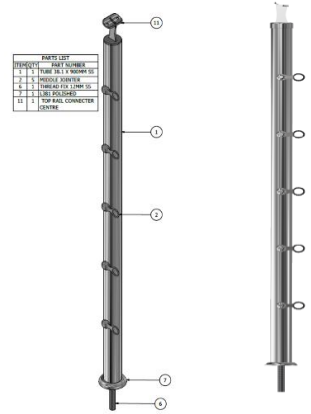


4

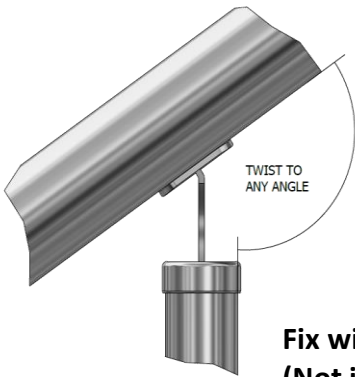
1 2 3  
Easy Install



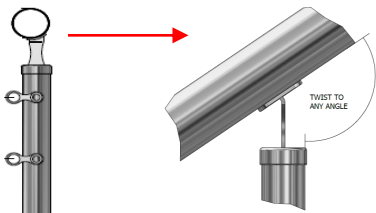
- Plant 38.1 centre post 10mm offset & level post with post level.
- Adjust saddle to suit staircase angle.
- Saddle must be flush to top rail.
- Place 38.1 centre post to reach top rail.



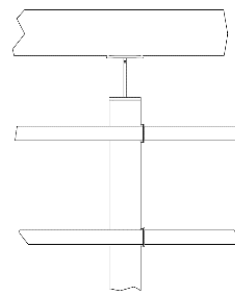
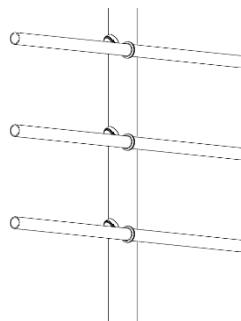
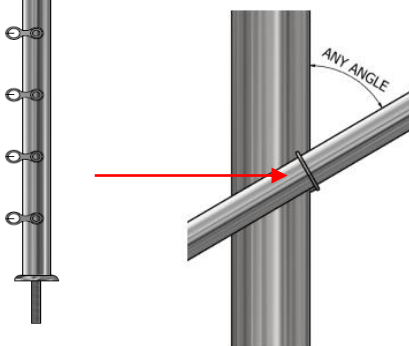
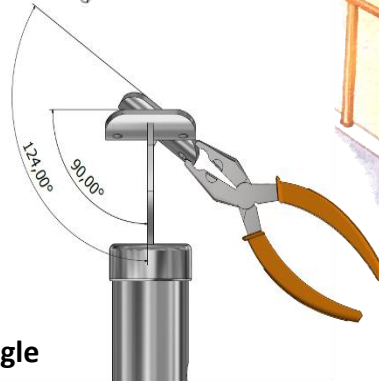
Immediate (Centre) Post

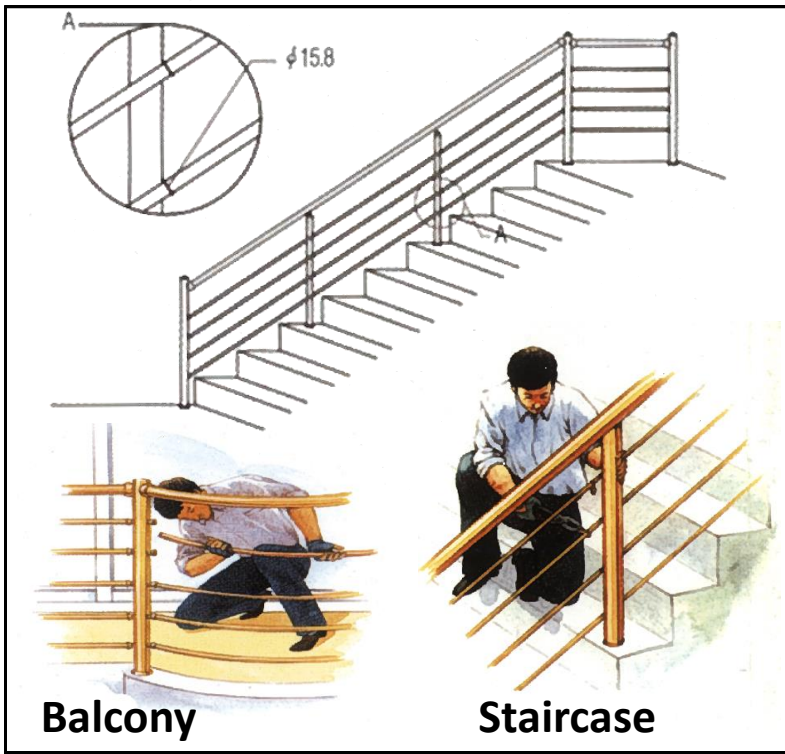


Fix with 4.8 STS rivet  
(Not included)



Adjust to suit staircase angle



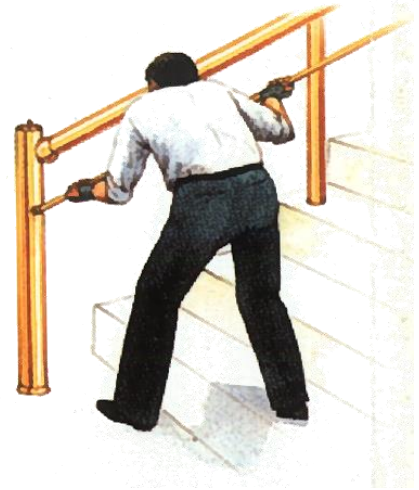


5

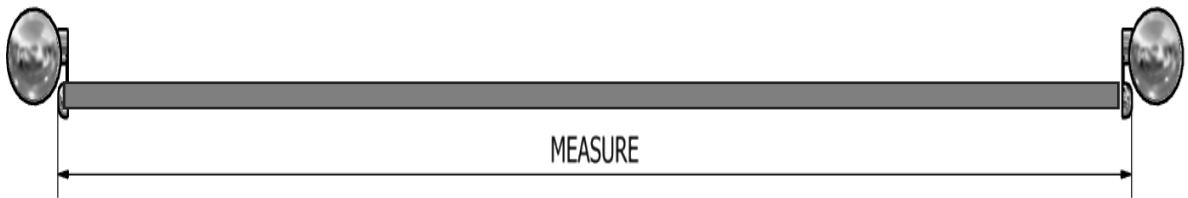
1 2 3  
Easy Install



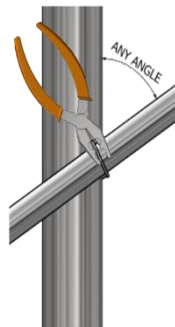
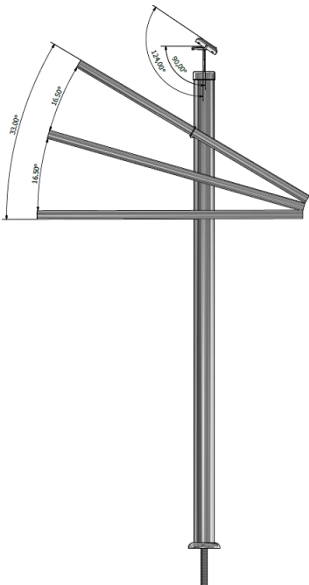
- Measure in-fill from one end to the other end. See diagram
- Cut in-fill to size.
- Twist the in-fill to suit staircase angle
- Twist in-fill connector end into 50.8 main post and secure.



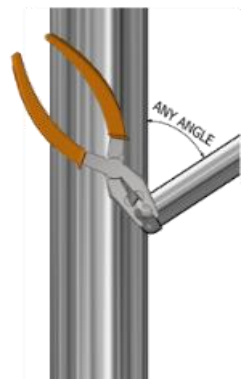
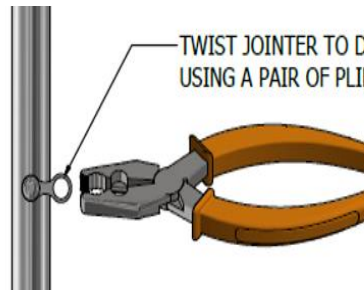
Ø15.8 Infill cut to size



Adjust to suit any staircase angle



Ø 38.1 Centre Post

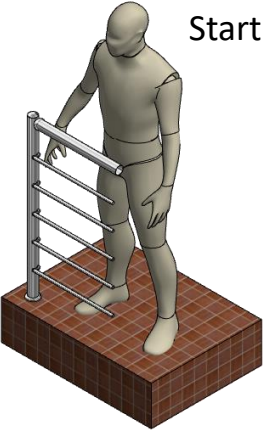


Ø50.8 End Post

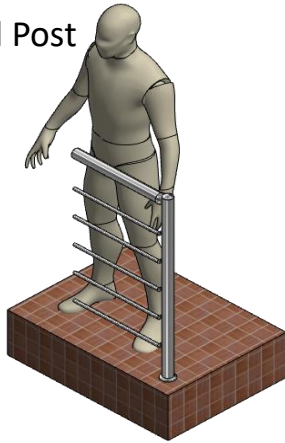
# Post configurations

**LH Post**

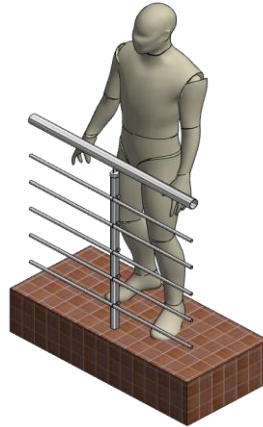
Start & End Post



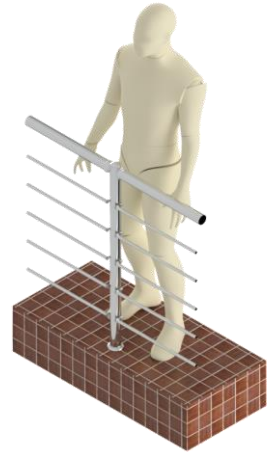
**RH Post**



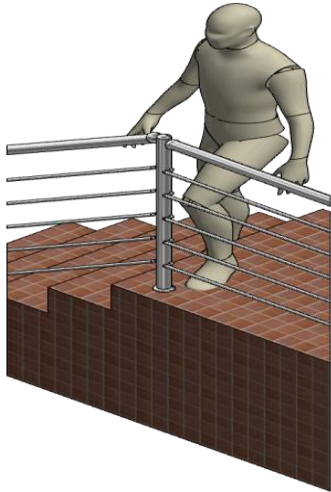
**Centre Post**



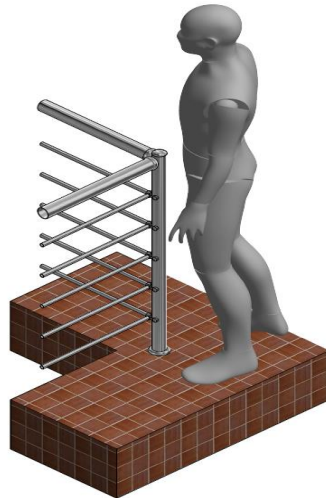
**180 /Joining Post**



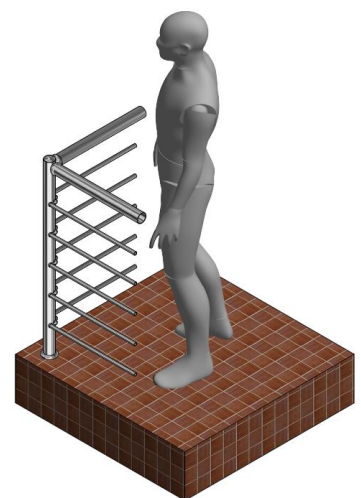
**180 Stair / Straight Post**



**Int Corner Post**



**Ext Corner Post**



## The Correct Operation as Follows :

- Plan & Mark your job carefully before installing
- Wear all protective gear
- Ensure your installation is safe & securely installed and meets with building code requirements.
- It is the responsibility of the installer to ensure compliance with building codes requirements.
- EZRails balustrades are based on engineering principles.
- EZRails does not accept responsibility for poor workmanship.
- Sika epoxy is a two part slow cure epoxy, can be cleaned with water.

## Maintenance

- Clean with fresh water & Sunlight liquid.
- Coastal areas may require frequent cleaning