

SAiGE

Composite Products

Longlife Balustrades

Composite Balustrades installation guide 2021

Composite balustrades by SAiGE are easy to install whilst offering a long-lasting and stylish solution.

Please ensure Installation is followed as per the Installation Guides for SAiGE's warranty to apply. For any clarification or information please contact a member of the SAiGE Team on 01789 721 576 or email info@saigedecking.com

HIGH STRENGTH

HIGH SPECIFICATION

BRITISH DESIGN

AWARD WINNING

QUALITY AND TEST CERTIFICATION

100% QUALITY INSPECTION



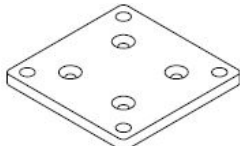
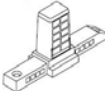

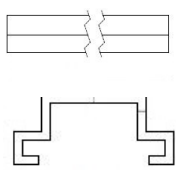

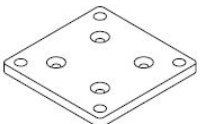
V.1.3 MARCH 2021



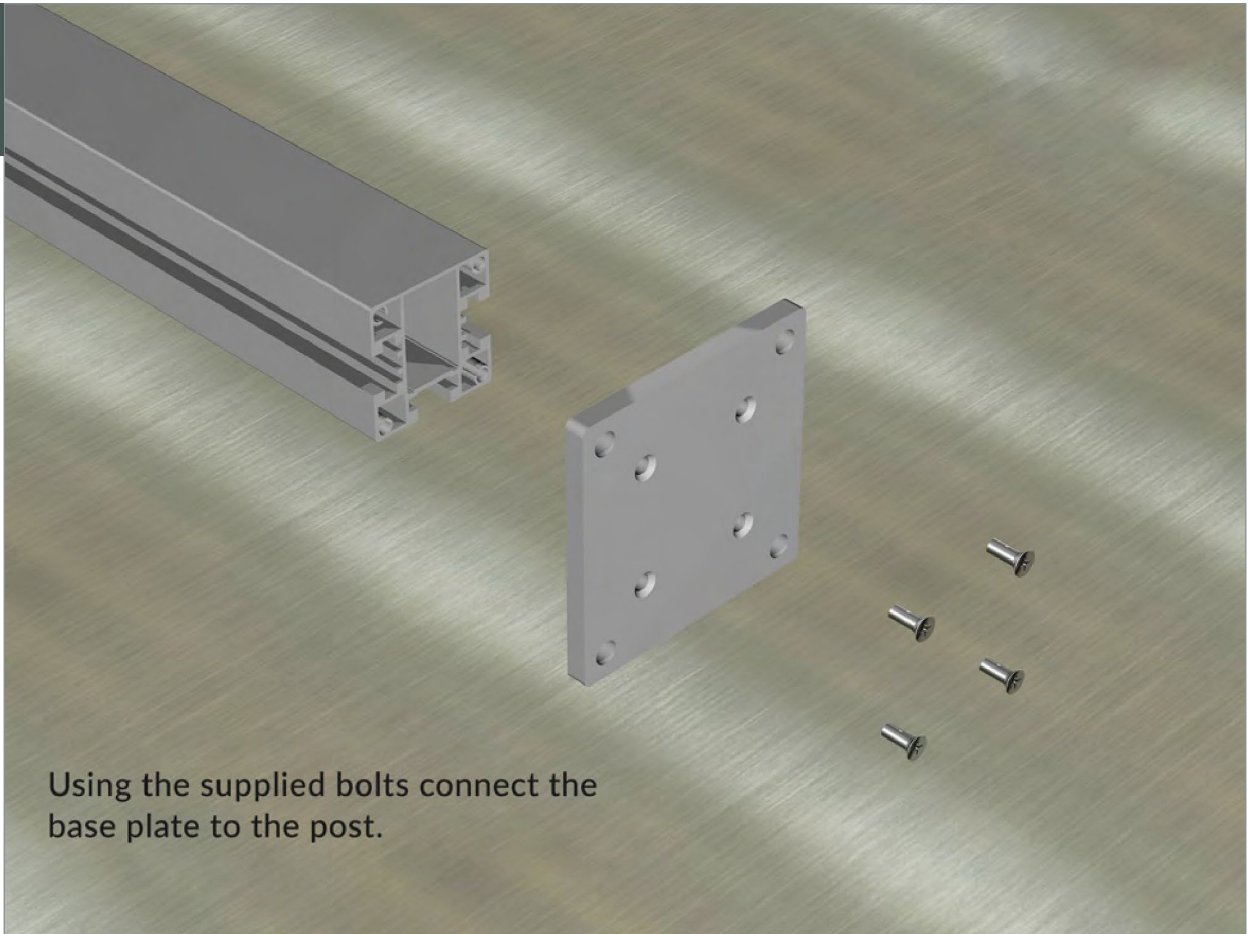
Composite Balustrades by SAiGE

Straight balustrade

Balustrade Component list

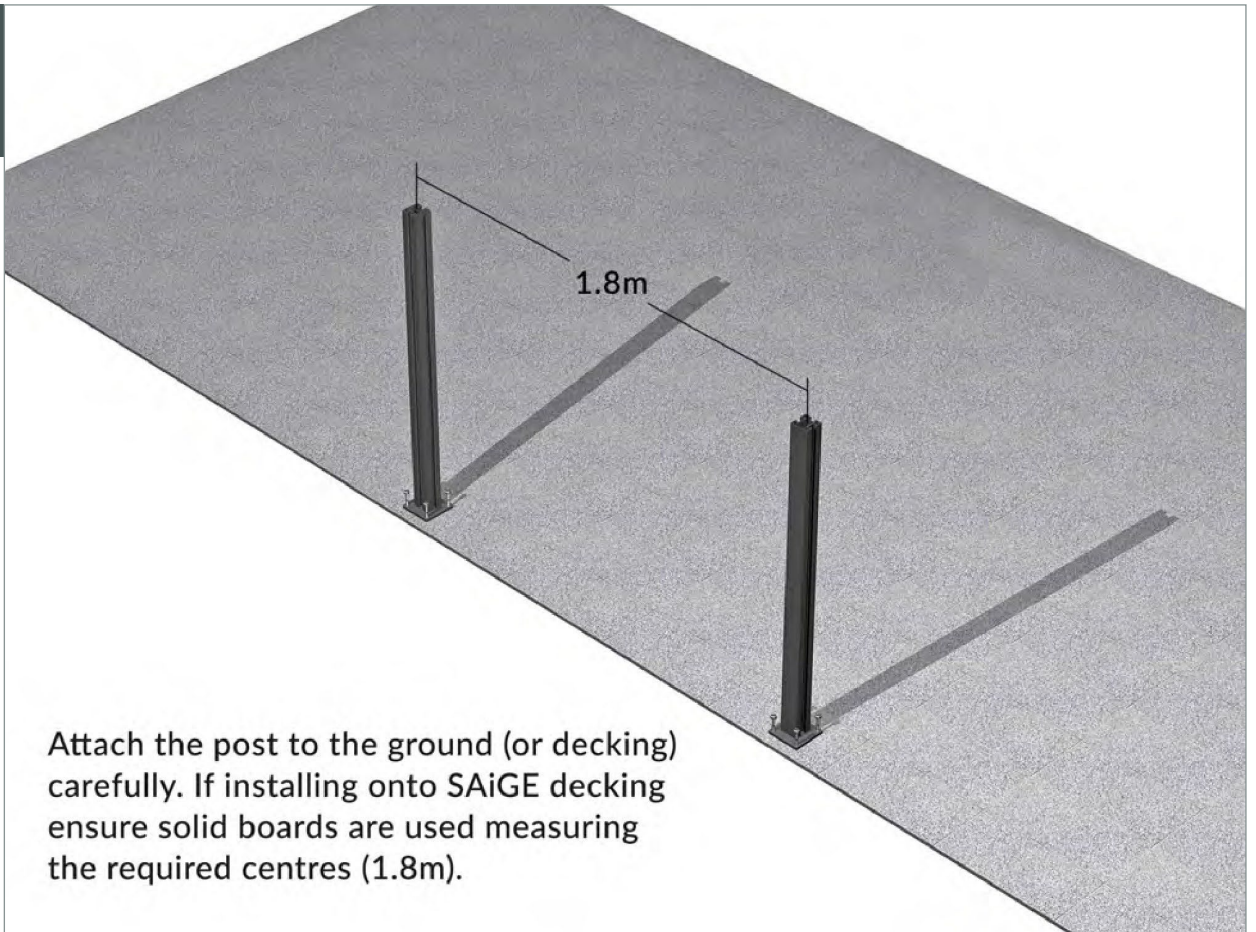
| Image | Quantity per bay | Product Description | Dimensions | Weight |
|---|------------------|--|----------------------|--------------|
| Straight Balustrade | | | | 28.2kg |
|  | 1 | 1. 1.155m post | 70mm x 70mm x 1155mm | 3.5kg |
| | 1 | 2. Post cap | | |
| | 2 | 3. 983mm Insert | | |
| | 1 | 4. 1155mm Insert | | |
| | 4 | 5. 55mm Insert | | |
|  | 1 | Top Handrail | 1730mm x 45mm x 45mm | 2.4kg |
| | 1 | Bottom Rail | | |
|  | 1 | 10mm baseplate | 130mm x 130mm x 10mm | 2.5kg |
| | 4 | Bolts to attach baseplate to post | | |
| | | | | |
|  | 26 | T Bracket and screws | 20mm x 17mm x 36mm | 0.035kg e.a. |
|  | 11 | FSC [®] 100% Composite Spindles | 955mm x 50mm x 30mm | 1.2kg e.a. |
|  | 20 | Insert 118.4mm | 118.4mm | 0.03kg e.a. |
| | 4 | 55 mm Insert | 55mm | 0.01kg e.a. |
| | 4 | 107.5 mm Insert | 107.5mm | 0.03kg e.a. |
| Top and Bottom rails come assembled with all T brackets and inserts fitted. | | | | |
| Additional Finishing post and baseplate | | | | |
|  | 1 | Additional post kit to finish | 70mm x 70mm x 1155mm | 3.5kg |
|  | 1 | Additional baseplate to finish | 130mm x 130mm x 10mm | 2.5kg |

1



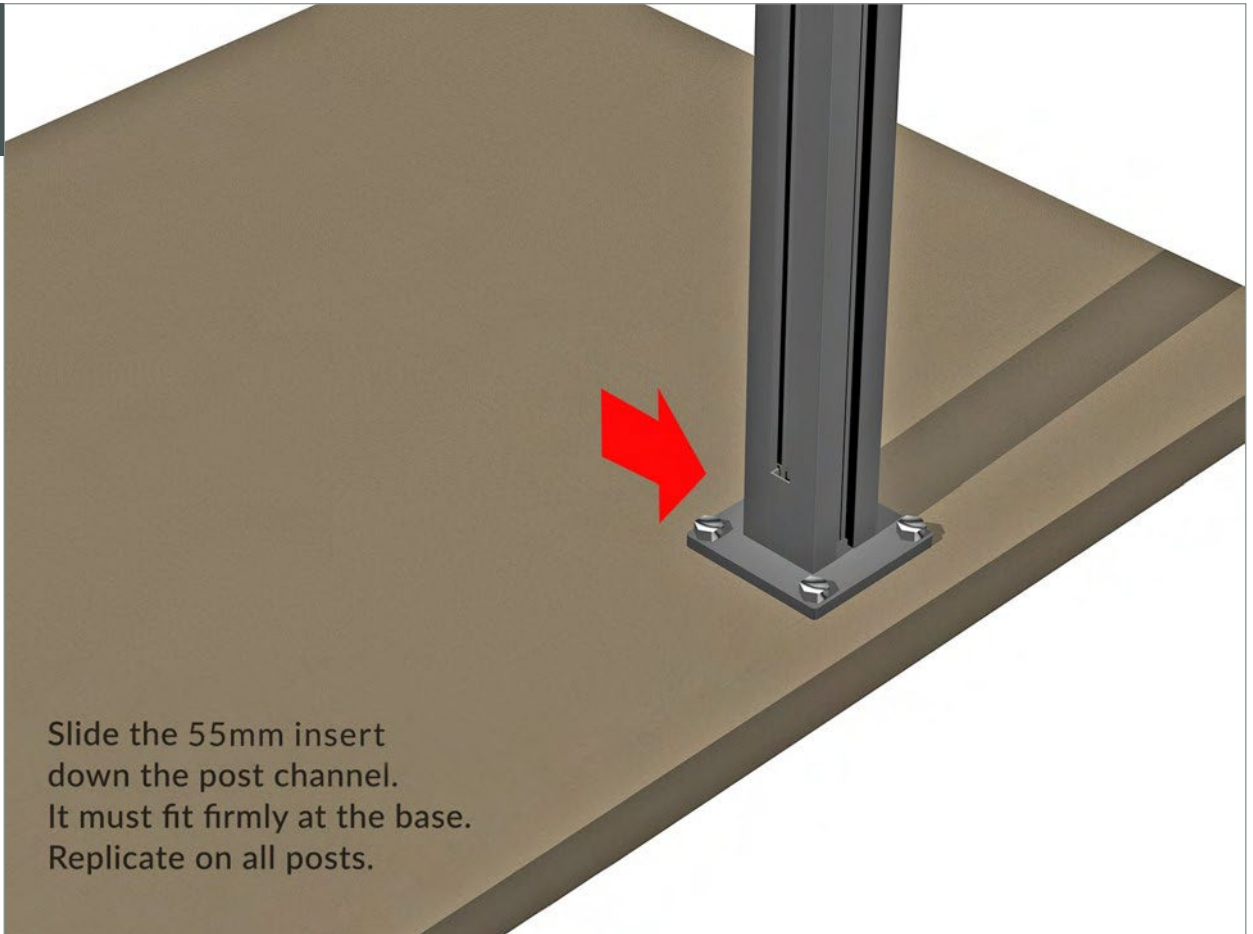
Using the supplied bolts connect the base plate to the post.

2



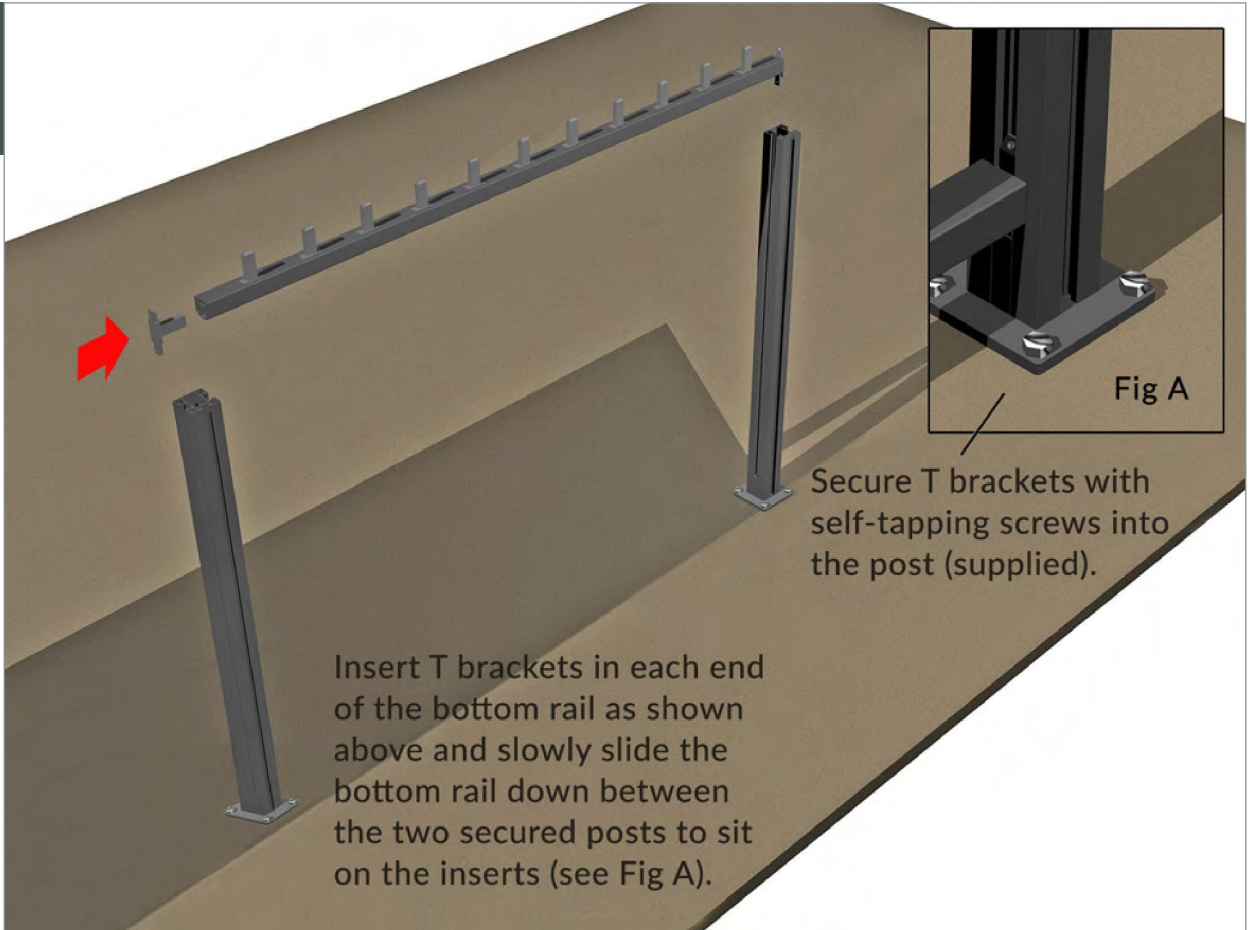
Attach the post to the ground (or decking) carefully. If installing onto SAiGE decking ensure solid boards are used measuring the required centres (1.8m).

3



Slide the 55mm insert down the post channel. It must fit firmly at the base. Replicate on all posts.

4

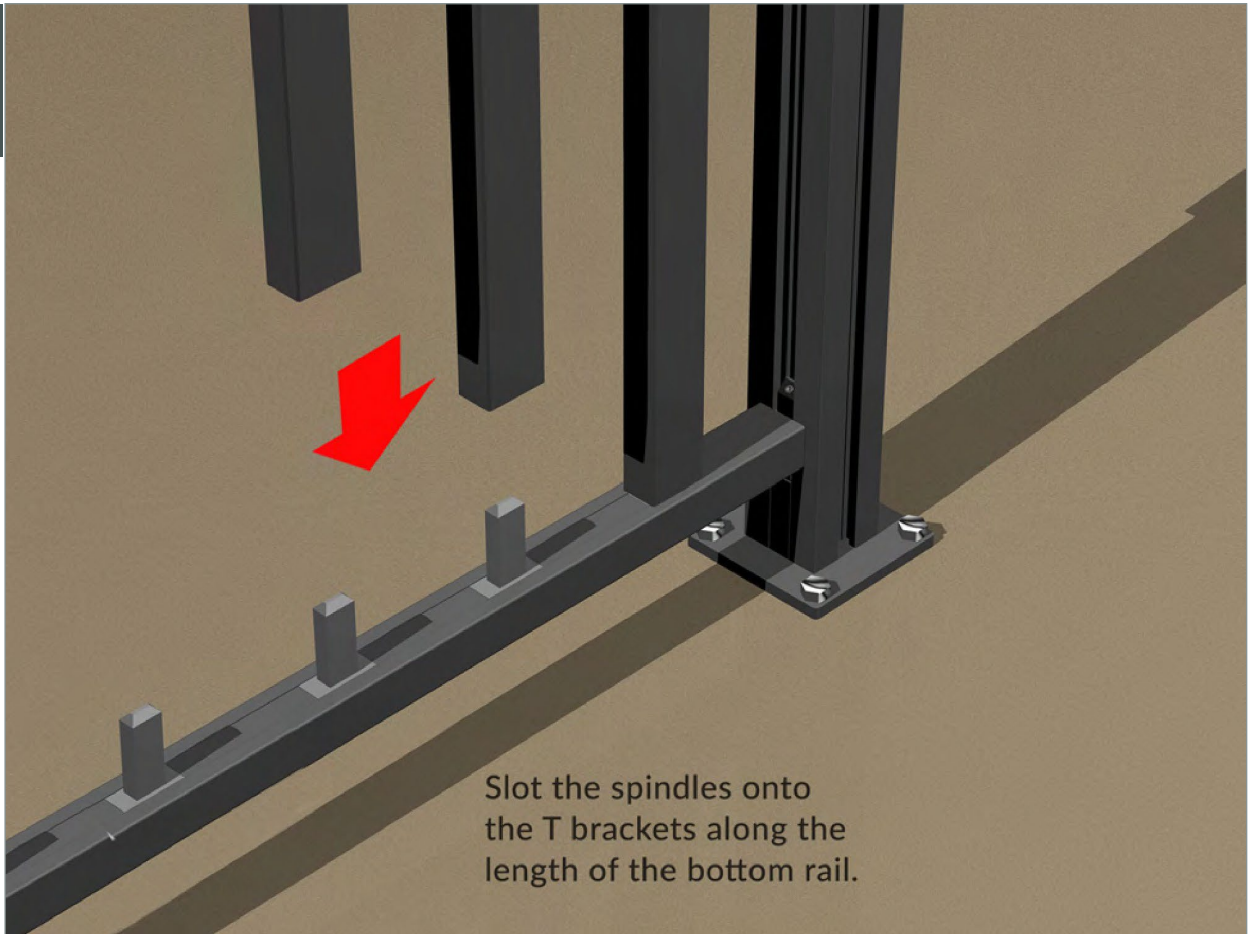


Insert T brackets in each end of the bottom rail as shown above and slowly slide the bottom rail down between the two secured posts to sit on the inserts (see Fig A).

Secure T brackets with self-tapping screws into the post (supplied).

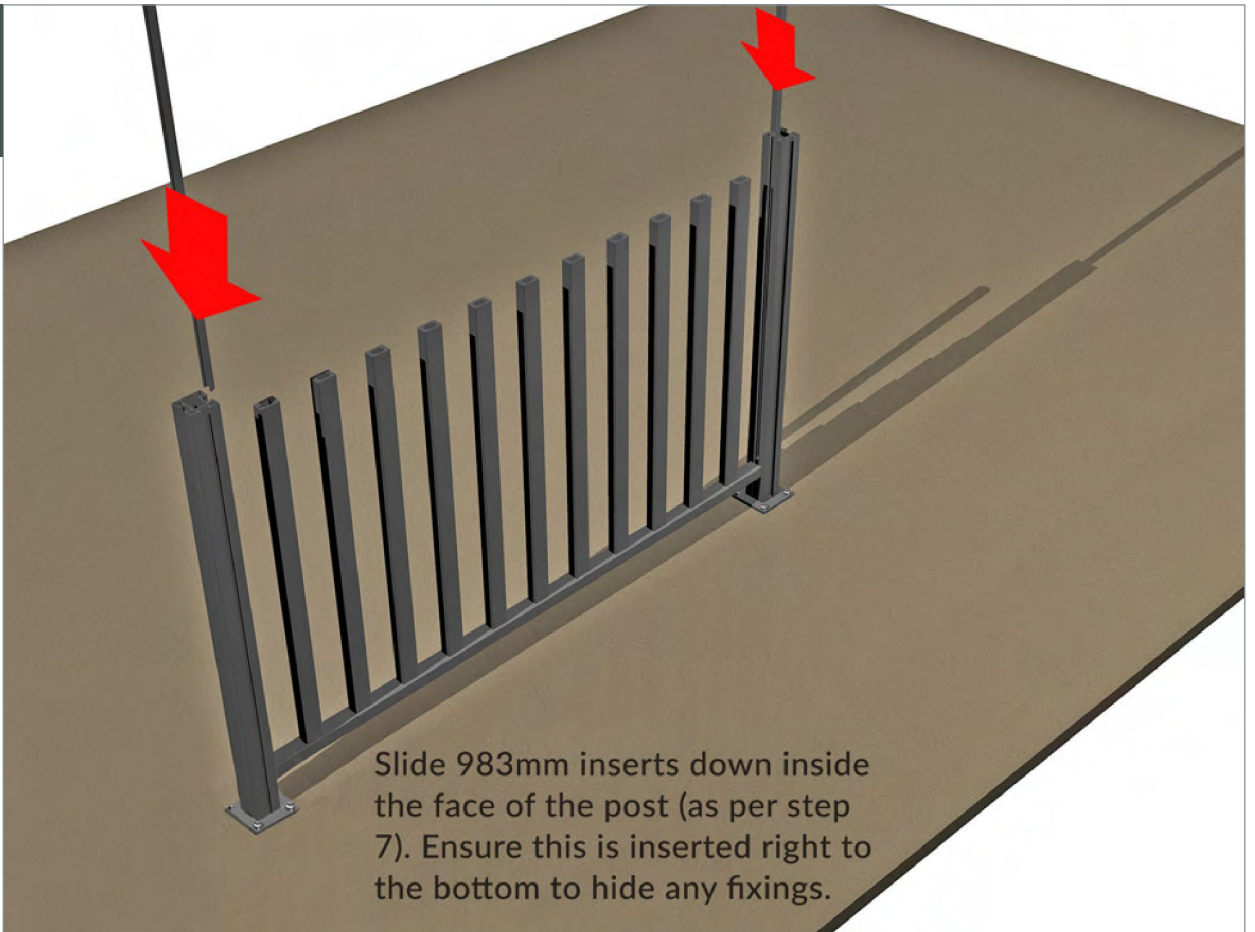
Fig A

5



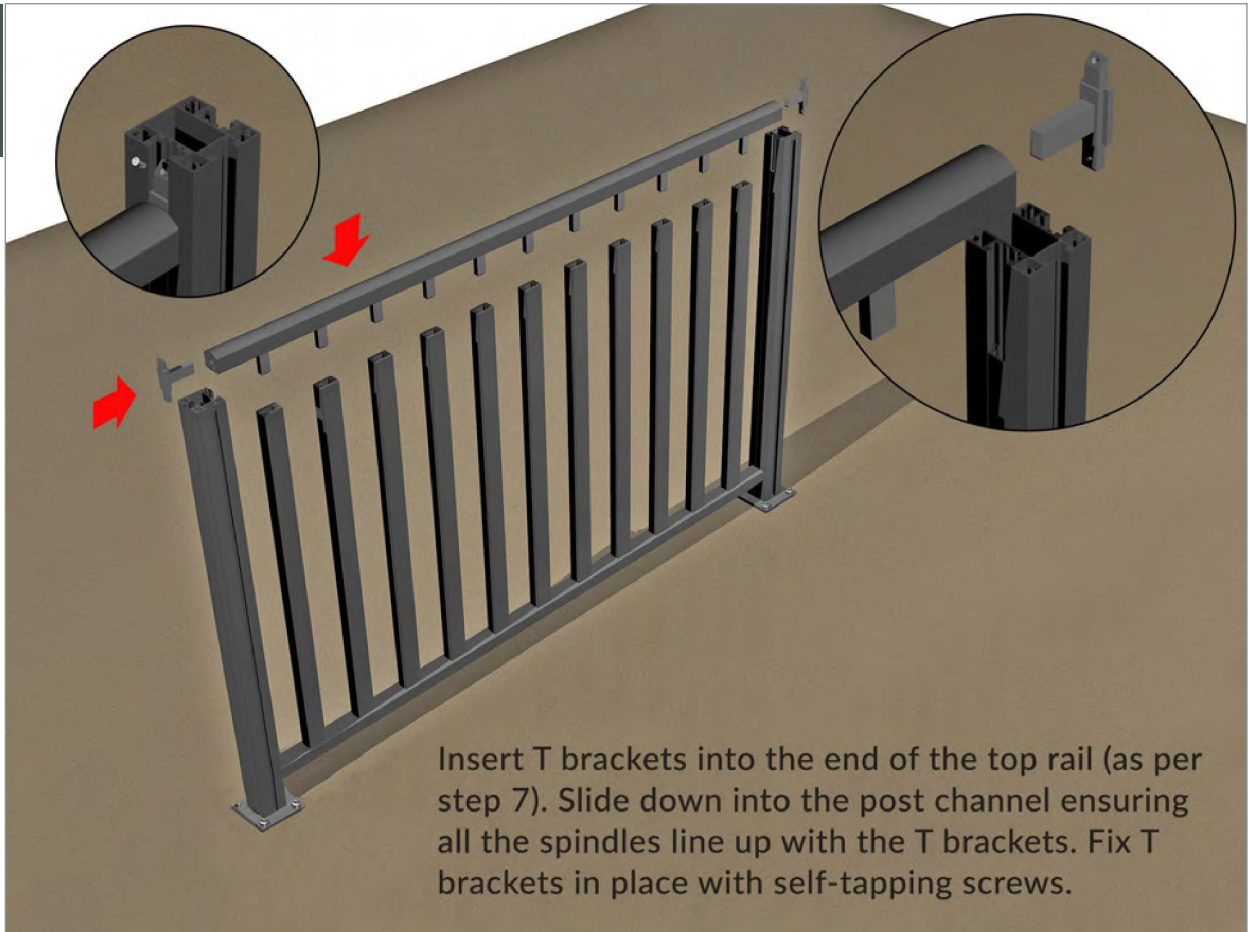
Slot the spindles onto the T brackets along the length of the bottom rail.

6

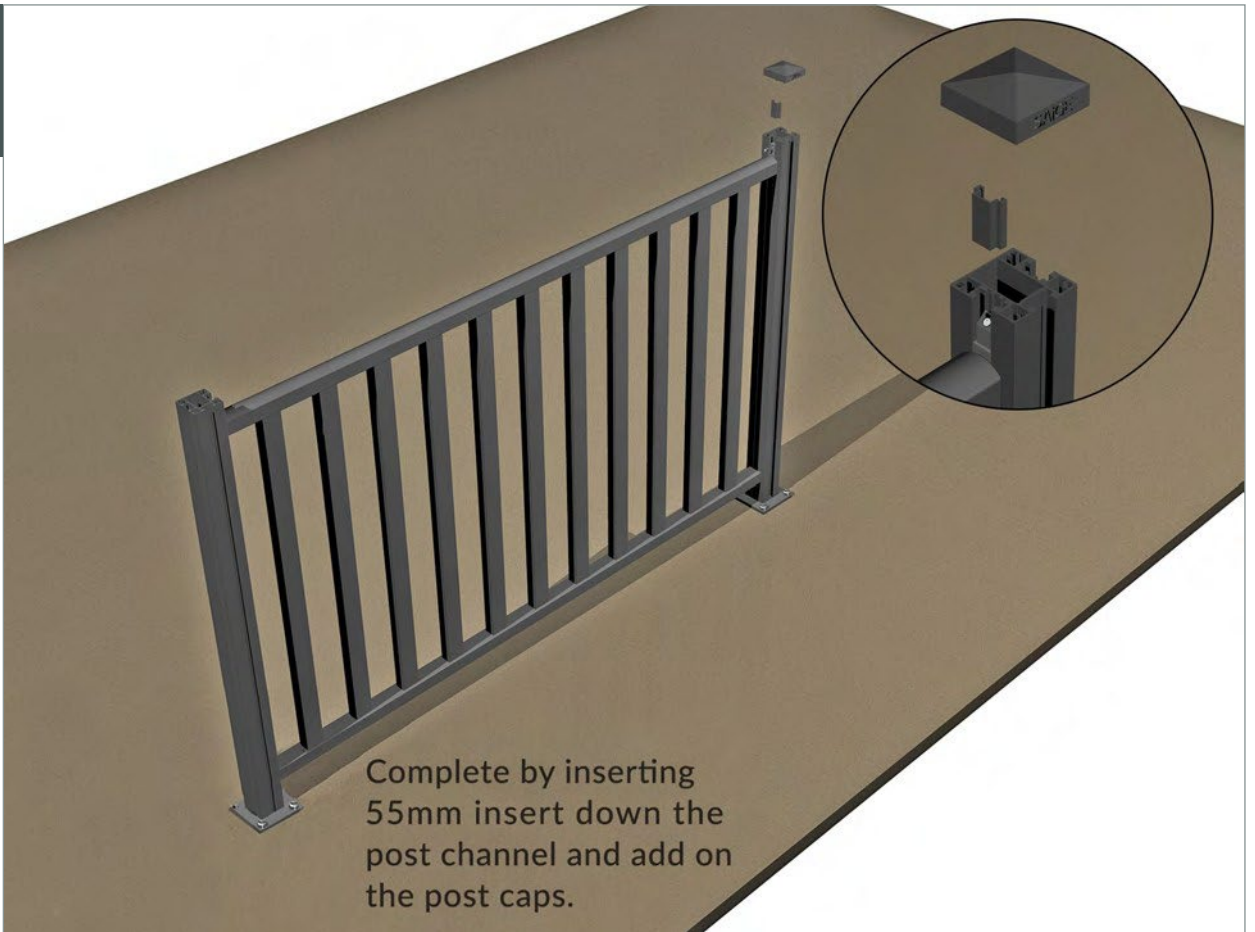


Slide 983mm inserts down inside the face of the post (as per step 7). Ensure this is inserted right to the bottom to hide any fixings.

7






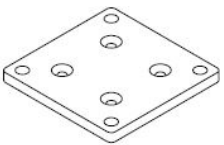
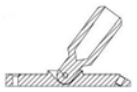
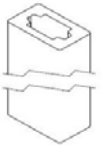
8



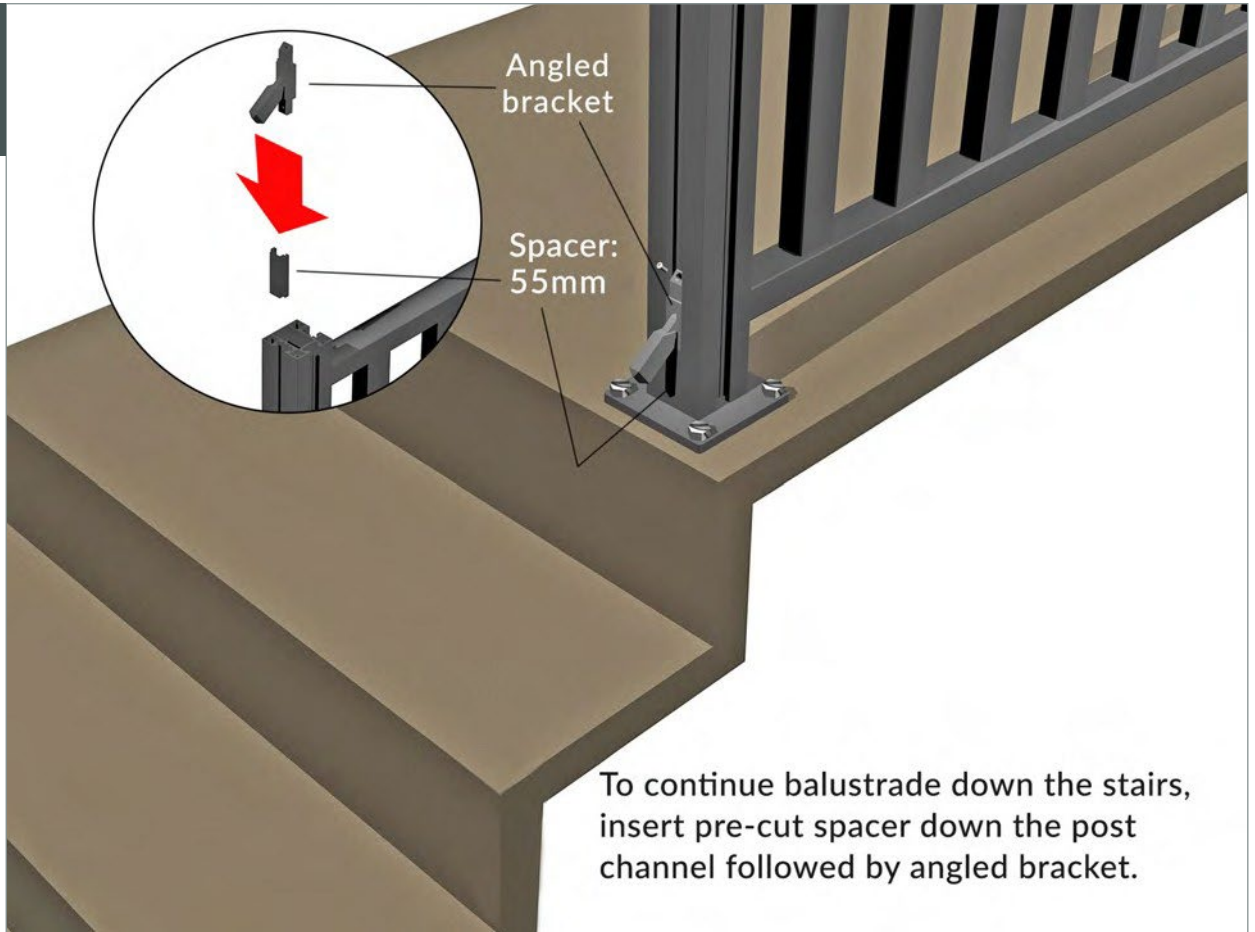
Composite Balustrades by SAiGE

Staircase
balustrade

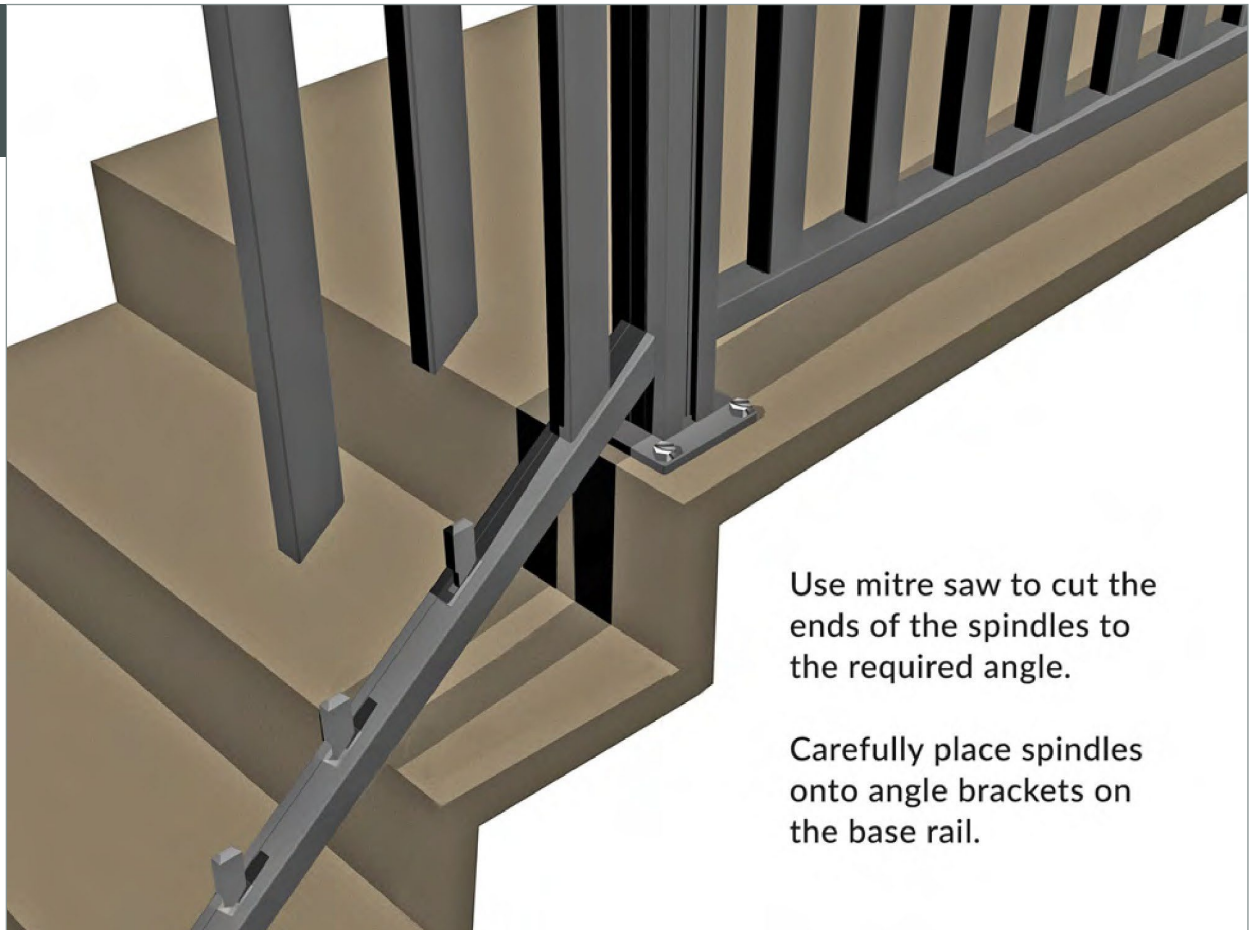
Staircase Balustrade Component list

| Image | Quantity per bay | Product Description | Dimensions | Weight |
|---|------------------|-----------------------------------|----------------------|-------------|
| Staircase Balustrade | | | | 33.61kg |
|  | 1 | 1. 1.2m post | 70mm x 70mm x 1200mm | 3.7kg |
| | 1 | 2. Post cap | | |
| | 1 | 3. 983mm insert | | |
| | 4 | 4. 55mm insert | | |
| | 2 | 5. 1.2m insert | | |
|  | 1 | 1. 1.155m post | 70mm x 70mm x 1155mm | 4.1kg |
| | 1 | 2. post cap | | |
| | 4 | 3. 55mm insert | | |
| | 2 | 4. 983mm insert | | |
| | 1 | 5. 1155mm insert | | |
|  | 1 | Top Rail | 1730mm x 45mm x 45mm | 2.4kg |
| | 1 | Bottom Rail | | |
|  | 2 | 10mm baseplates | 130mm x 130mm x 10mm | 2.5kg |
| | 8 | Bolts to attach baseplate to post | | |
| | | | | |
|  | 26 | Angled T Bracket and screws | 24mm x 17mm x 48mm | 0.05kg e.a. |
|  | 11 | 1m FSC® 100% Composite Spindles | 1000mm x 50mm x 30mm | 1.26kg e.a. |
| Top and Bottom rails come assembled with all T brackets and inserts fitted. | | | | |

1



2



3

Make post B in diagram as Step 1 - but do not fix in place.

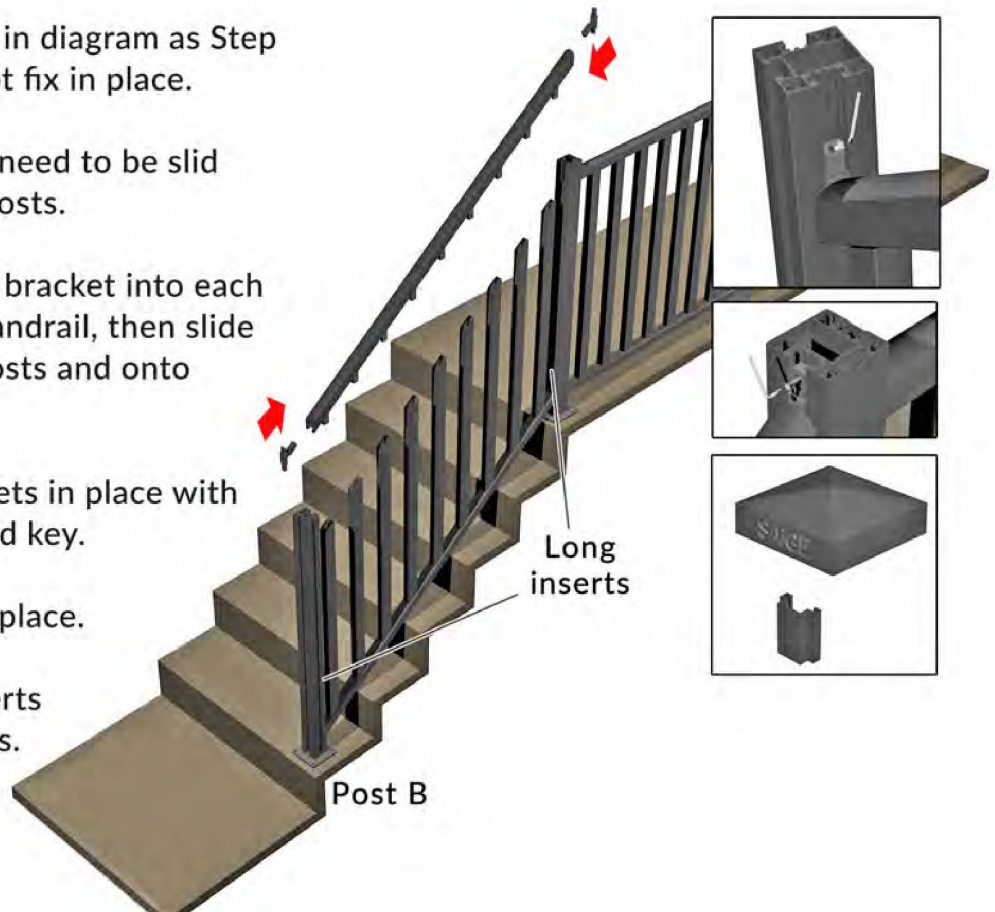
Long inserts need to be slid down both posts.

Slide angle T bracket into each end of the handrail, then slide down into posts and onto spindles.

Lock T brackets in place with Allen pins and key.

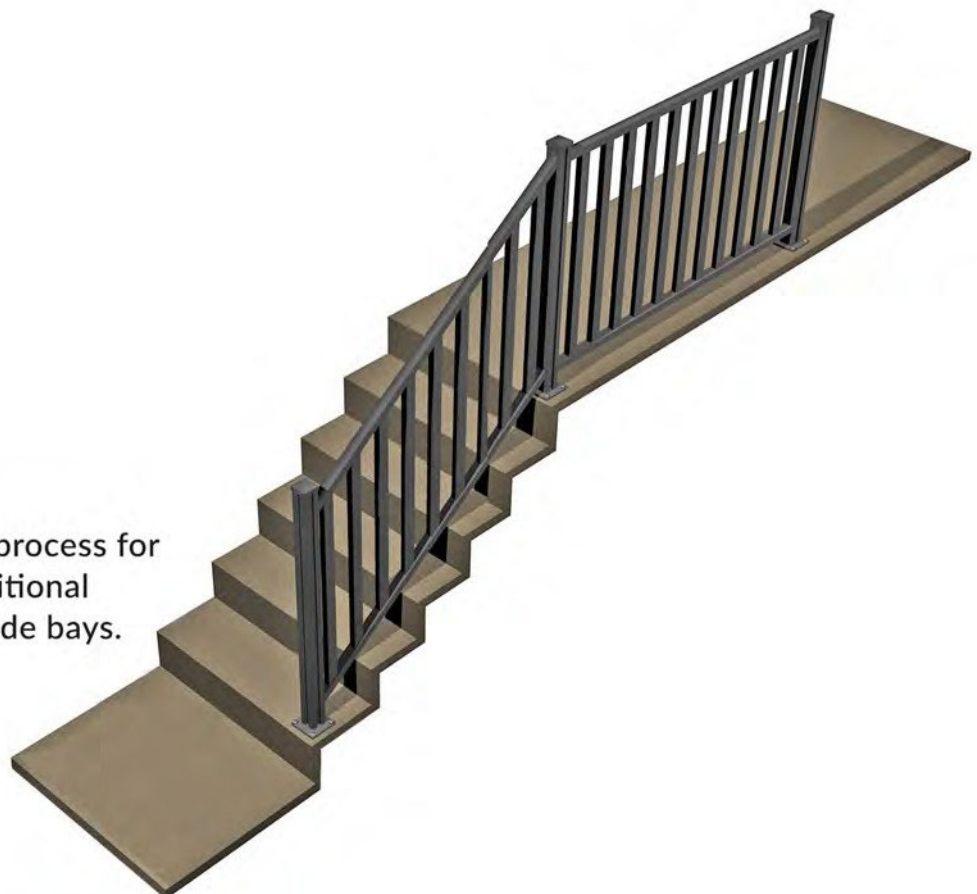
Fit post B in place.

Fit small inserts and post caps.



4

Repeat process for any additional balustrade bays.



Look out for our FSC® 100% - certified products



The mark of responsible forestry