



## Post Sleeve, Balustrade and Gate Kit Installation Instructions

# Post Sleeve, Balustrade and Gate Kit Installations

Within this guide, we will provide step-by-step instructions on how to install our post sleeve, balustrade and gate kit systems.

Our kits are available in White, Anthracite Grey and Golden Oak:



Routing comes as Square:



## Contents:

### 1828mm (6ft) Balustrade Kit (DKHS1828)

- 1 x 1828mm Top Rail - Square Routed
- 1 x 1828mm Bottom Rail - Square Routed
- 2 x Top Rail Brackets
- 2 x Bottom Rail Brackets
- 2 x 1828mm Steel J Channel Rail Reinforcing
- 1 x Bottom Rail Foot Block
- 14 x 945mm x 38mm Pickets
- 16 x 30mm Countersunk Wood Screws
- 13 x 4.8mm x 19mm Reinforcement Screws

### Single Post Sleeve Kit (DKP001)

- 1 x 1828mm, 102mm x 102mm Post Sleeve
- 1 x Post Cap
- 1 x Post Skirt

### Double Post Sleeve Kit (DKP002)

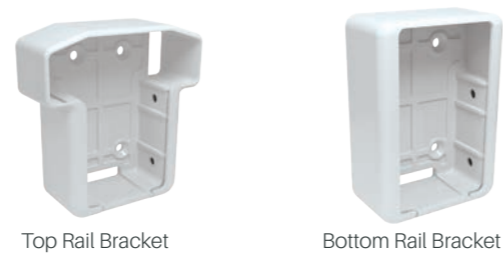
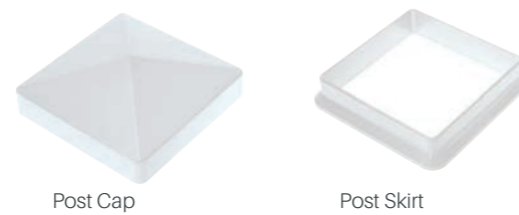
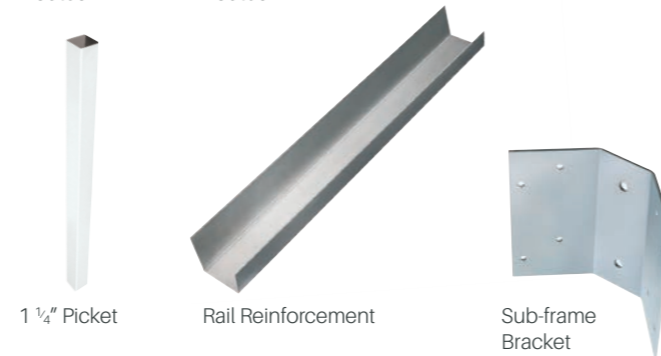
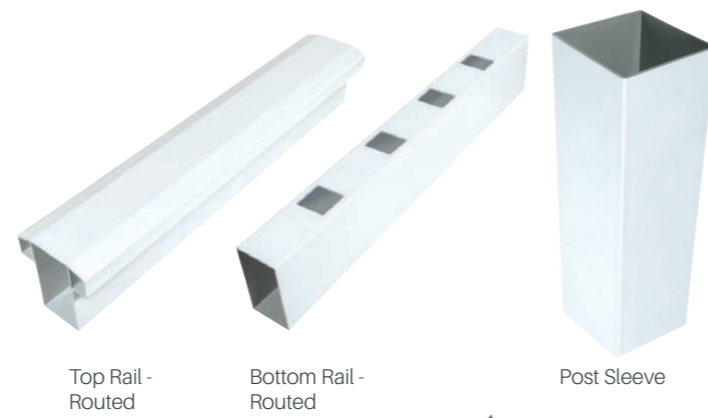
- 2 x 1828mm, 102mm x 102mm Post Sleeve
- 2 x Post Cap
- 2 x Post Skirt

### Post to Subframe Fixing Kit (DKF001)

- 4 x Sub Frame Brackets Stainless Steel
- 2 x Coach Bolts 100mm per Bracket
- 6 x 40mm Pan Head Wood Screws per Bracket

### Gate Kit (DKG002)

- 1 x Gate 960mm x 950mm
- 2 x Hinges with Screws
- 1 x Latch & Lock with Screws



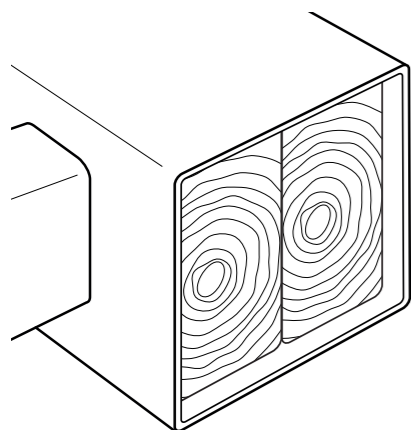
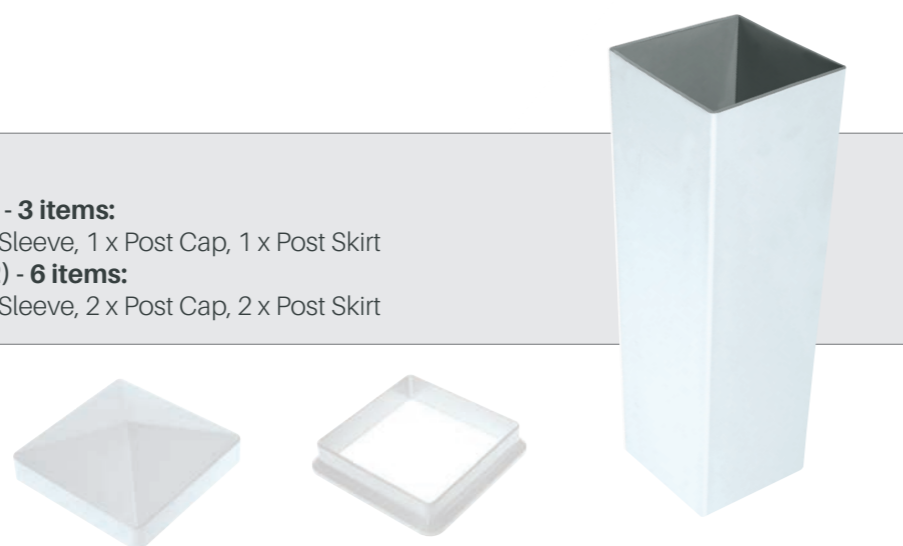
**Post Sleeve Kit**

**Single Post Sleeve Kits (DKP001) - 3 items:**

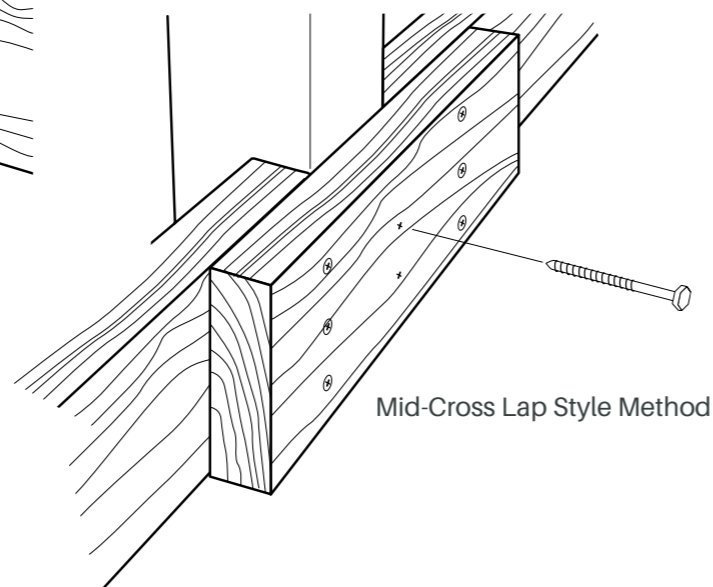
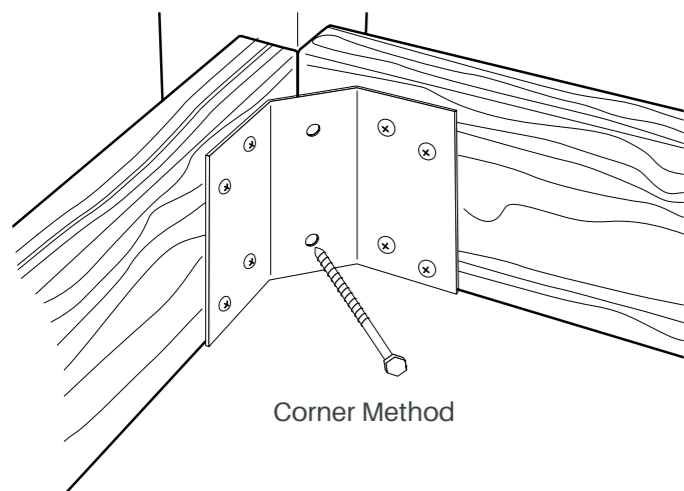
1 x 1828mm, 102mm x 102mm Post Sleeve, 1 x Post Cap, 1 x Post Skirt

**Double Post Sleeve Kits (DKP002) - 6 items:**

2 x 1828mm, 102mm x 102mm Post Sleeve, 2 x Post Cap, 2 x Post Skirt



1. Post requires reinforcing with timber at nominal 95mm x 95mm - alternatively 2 off 95 x 47mm timbers screwed together at max 400mm centres can be used. Timber should be class C16 or C24. It is also recommended that timber is glued on mating faces.
2. Post and timber should be supported on a level solid base such as concrete pad.
3. Posts should be secured to deck sub-frames using one of the following methods:
  - Corners - using a Sub-Frame Bracket
  - Mid - Cross Lap Style: let into the sub-frame and supported with a backing timber on the inner side.
4. Post caps should be secured with low modulus neutral cure silicone.
5. Post skirts are used to mask the cut/expansion gap of the deck planks. Where required, skirts should be trimmed to fit and secured with low modulus neutral cure silicone.



**BALUSTRADE KITS 6' (DKHS1828)**

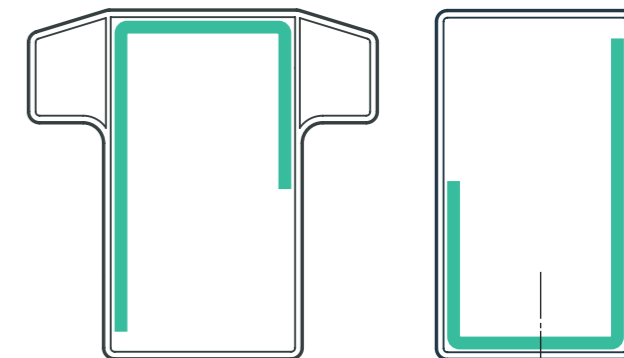
1 x 1828mm Top Rail - Square Routed, 1 x 1828mm Bottom Rail - Square Routed, 2 x Top Rail Brackets, 2 x Bottom Rail Brackets, 2 x 1828mm Steel J Channel Rail Reinforcing, 1 x Bottom Rail Foot Block, 14 x 945mm x 38mm Pickets, 16 x 30mm Countersunk Wood Screws, 13 x 4.8mm x 19mm Reinforcement Screws.

1. Top and bottom rails should be cut to length - Distance between posts minus 18mm, allows for the thickness of two brackets and an expansion gap at each rail end. Gaps between the last picket and post should not exceed 100mm.

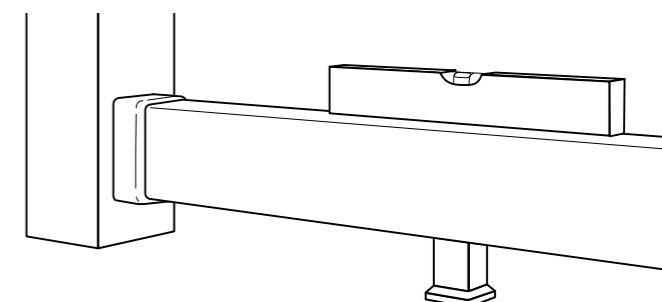
**Note:** Cuts should be made at both ends to keep the rail routing symmetrical.

Number of Pickets	Nominal Bar Length 1828mm - Square - 92mm Gap		
	Distance between Posts	Cut Bar Length mm	Bar End to Hole Edge
14	1832	1814	83
13	1707	1689	
12	1583	1565	
11	1459	1441	
10	1335	1317	
9	1210	1192	
8	1086	1068	
7	962	944	
6	838	820	
5	713	695	
4	589	571	
3	465	447	
2	341	323	
1	216	198	

2. J Reinforcement is cut to the same length as the PVC Rail and inserted in the following orientation.

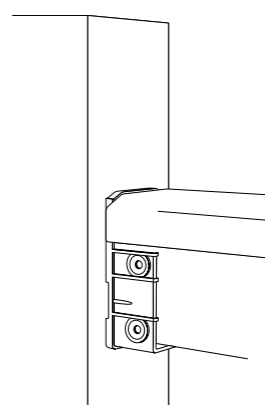


3. A foot block is secured to the underside of the bottom rail/ reinforcement at the mid-point using a 30mm screw.



4. The height of the bottom rail bracket from the deck surface is obtained by placing the rail/foot block assembly into position with a bracket body on one end. When the bottom rail is level mark the position of the bracket onto the post or alternatively you may wish to use a jig to obtain the bracket positions. Brackets are secured using 4 x 30mm stainless steel countersunk wood screws.

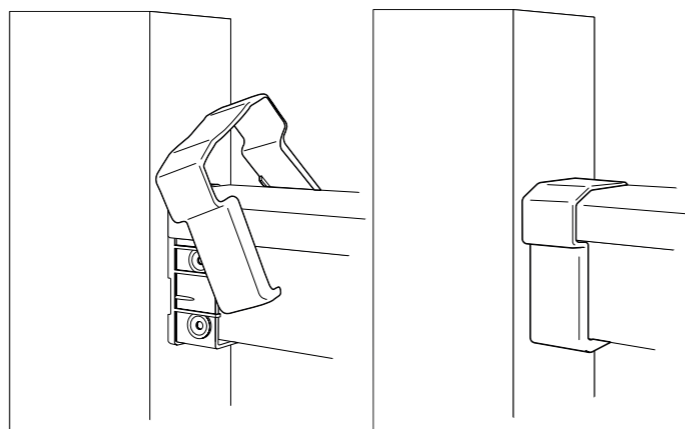
5. Assemble the top and bottom rails together with their pickets and drop the assembly into the bottom rail bracket bodies. Place a bracket body at each end of the top rail marking its position on the post. It should be possible to lean the rail and picket assembly aside to fit the bracket bodies. Secure using 4 x 30mm stainless steel countersunk wood screws.



6. Ensure that the rails/reinforcement are centrally positioned before securing the rail assembly to the brackets via the side holes in the bracket body with 3 x 4.8mm (no.10) x 19mm Self Tapping Screws. The reinforcement should be piloted with a 3.5mm drill.

**Note:** 3 of the 4 bracket holes align with the J reinforcement.

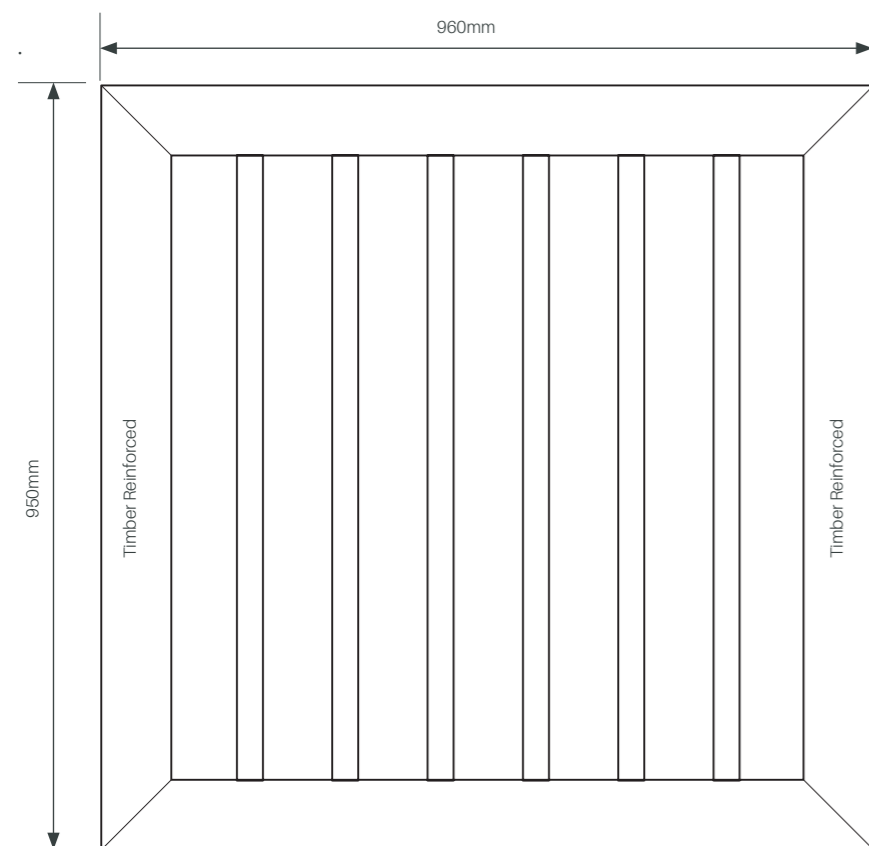
7. Brackets are finished by clipping on the bracket covers. (care should be taken to not over stress the bracket covers).



### GATE KITS (DKG002)

1 x Gate 960mm x 950mm, 2 x Hinges with Screws, 1 x Latch & Lock with Screws

- IMPORTANT:** Always leave 40mm for latch and hinges..
- For a 960mm wide gate the distance between posts should be 1000mm to allow for gate hardware.
- Hinges should be positioned between the top and bottom rail brackets.
- The gate is designed to align with the balustrade when using supplied Pickets in the Balustrade Kits. The top of the gate should be fitted in line with the top of the balustrade rail.



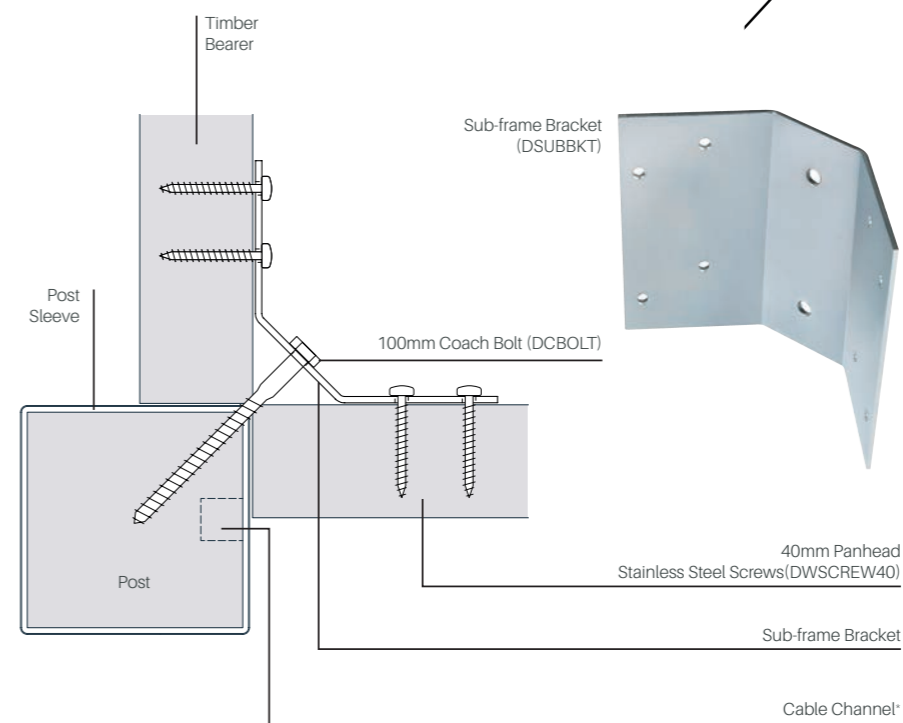
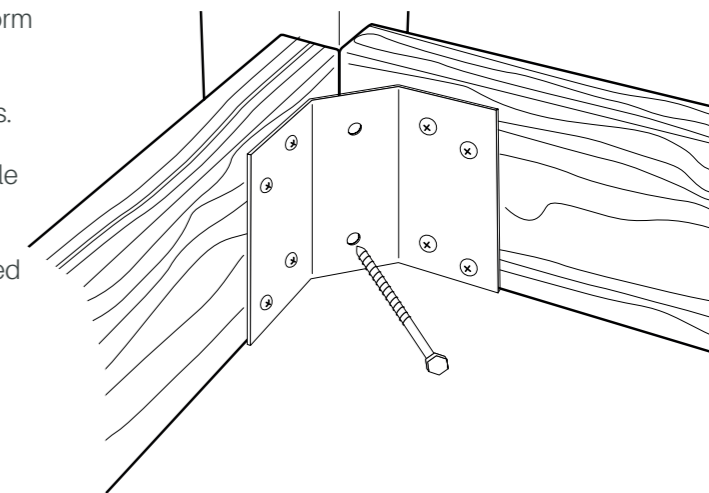
- The bottom of the gate can be identified by 2 x drainage holes.
- The hinge and latch pack contains all fixings for fitting to a timber reinforced post.
- Hinges are normally placed on the deck-side of the post and gate.
- The gate has timber reinforcement inside both vertical sides for the attachment of hardware.



### Post to Subframe Fixing Kit (DKF001)

4 x Sub Frame Brackets Stainless Steel, 2 x Coach Bolts 100mm per Bracket, 6 x 40mm Pan Head Wood Screws per Bracket

- Align the inside edges of the timber sub frame to form a 90 degree corner.
- Fix bracket to sub frame using 6 x Pan Head screws.
- Place post into position and mark bracket fixing hole positions.
- Drill clearance holes in corner of PVC post at marked positions.
- Fix post with 2 x coach bolts – pilot drill holes.



\*Consideration must be given to the position of the channel with regard to fixing screws

**Please note** these kits are only suitable for use on decks that do not exceed 300mm in height from ground level.

#### Important!!

A deck height of up to 300mm is considered a 'Permitted Development' where there is no requirement for Planning Permission. Deck above 300mm require planning permission.

## Maintenance and Aftercare

To keep your low maintenance DekBoard product in top condition, we recommend cleaning your decking & balustrade with hot soapy water at least twice a year.

### Important Points:

- Ensure adequate ventilation underneath your decking. Keep area beneath your decking free from obstruction.
- Ensure ventilation around the hot tub of a 25mm gap is free from obstruction.
- Jet washers on a low pressure setting can be used for the decking boards only.
- **DO NOT USE JET WASHERS ON FOILED BALUSTRADE.**

### Cleaning & Care:

- Clean your balustrade with a cleaning solution of warm soapy water using a cloth or sponge.
- Clean your decking with a cleaning solution of warm soapy water using a cloth, sponge or soft bristle brush.
- **DO NOT** place ANY hot surfaces or use BBQs in the vicinity of the decking.
- **DO NOT** use any glass/PVC cleaning products or any forms of bleach or solvent.
- **DO NOT** scrub your decking or balustrade with any abrasive products, such as scourers, sandpaper, stiff or wire brushes etc.

### Additional Tips:

- Some brands of sun cream can permanently stain foiled balustrade finishes.
- **DO NOT** place rubber mats or rubber backed mats anywhere on the decking area.

Please note, to ensure warranty remains intact please ensure above Maintenance and Aftercare Guide lines are adhered to.

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