

Clear Deck Fitting Instructions



DESIGNED BY FITTERS FOR **EASY INSTALLATION**

Important Information

The following instructions are for installing the Cheshire Mouldings **Clear Deck decking system**.

Cheshire Mouldings **Clear Deck system** is suitable for **ground level decks** and **decks up to 600mm** above ground level.

Maximum distance between posts is **1800mm**.

Cheshire Mouldings Clear Deck system has been independently tested by FIRA and when installed in accordance with these instructions, conforms with Building Regulations for balustrades at 900mm (min) high and 0.36KN/m domestic loadings.

As only official Cheshire Mouldings parts have been tested, the use of non Cheshire Mouldings products used in conjunction with this system cannot be guaranteed to conform.

All components should be inspected BEFORE installation commences for any damage and to check all your items are correct before installation. While care is taken to match our engineered timber products, timber is a natural product where the colour, grain structure, can vary.

While we do everything possible to ensure the information contained within these fitting instructions are correct, they are only a general guide, every situation is different. Please read through the fitting instruction fully before commencing any fitting, Cheshire Mouldings will not be held responsible for any mistakes made through incorrect fitting. You will need to take extra care when installing pre-finished components and some touching up will undoubtedly be necessary around the cut areas.

If you have any queries please contact our technical helpline on **(0800) 085 3475**.

Please note:

All components should be inspected BEFORE installation commences for any damage, as Cheshire Mouldings cannot be held responsible for any damage caused during installation

Tools required:

Saw, Battery drill, pozi-drive bit, chisel, hammer, drill bits $\varnothing 3\text{mm}$, $\varnothing 4\text{mm}$, square, tape measure, clear silicone.

Download our Interactive Wall Panel Collection Brochure

Includes lots of new Clickable content



Sign up for our New Trade App



Fitting Instructions

Installing Posts

To establish correct height and length for the posts, measure down 1050mm from top of the post if you are using a plain square post or from under the decorative feature if you are using post with integrated cap. Mark the post. This indicates top of deck board location (**Fig.1**).

Posts should be positioned 1800mm between inside faces (**Fig.2**). However, if your span is less than 1800mm, please refer to **Fig.16** for min/max achievable spans between posts.

Secure your post at the correct height with 100mm landscape screws by either positioning the posts inside the joists so that 2 post faces can be secured through 2 joists at 90° (**Fig.3**). If this is not possible, posts that are fitted to the outside of the joists should be half lapped to the height of the joist and deck board thickness and rebate any corner posts if the balustrade has a 90° turn (**Fig.4**).

Handrails

With posts secured, re-measure distance between inside post faces. Please allow for bracket thickness of 3mm per bracket. If you need to trim handrails, lay both rails next to each other and align slots. Take equal amount off each rail end (**Fig.5**).

To install bottom rail, offer rail hanger brackets to each end of the rail ensuring rail slots are facing upwards. Pilot drill through back bracket holes and secure with screws supplied (**Fig.6**).

Place 2 x 40mm blocks onto top of deck boards and offer bottom rail assembly between posts and onto top of block ensuring the slots are facing upwards (**Fig.7**).

Fig.1

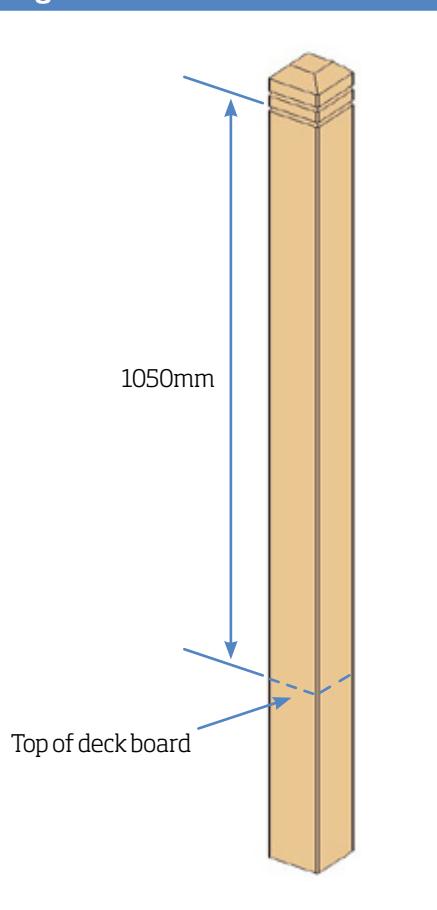


Fig.2

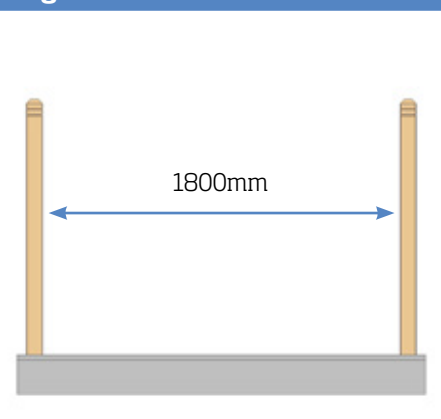


Fig.3

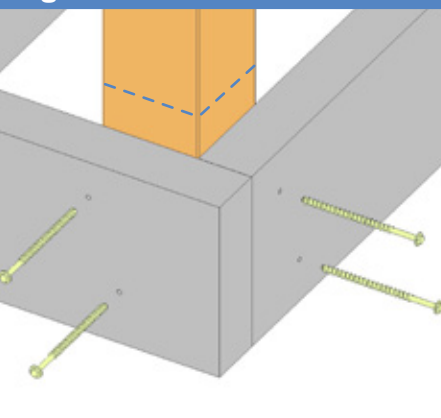


Fig.4

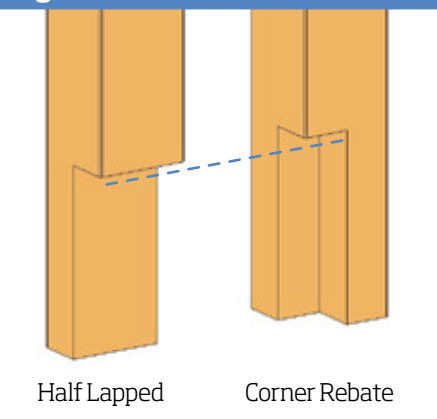


Fig.5

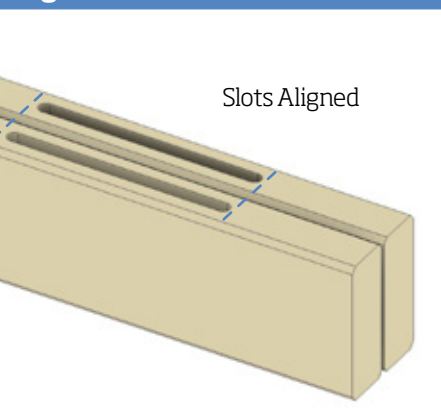


Fig.6

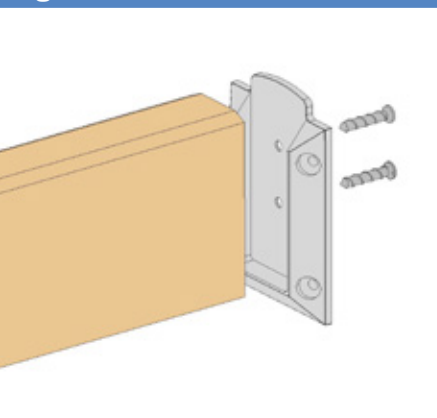
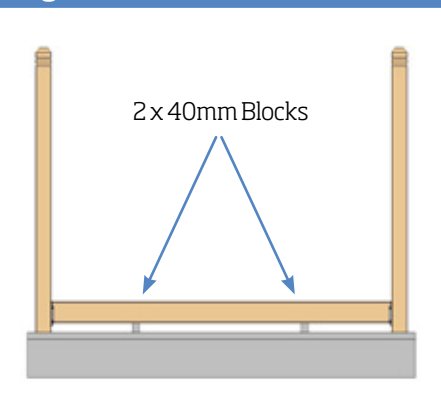


Fig.7



Check that the brackets are central to the inside post faces. Pilot drill through the side bracket holes and fix to post using screws supplied (**Fig.8**).

Inserting panels

Apply a bead of clear silicone to the slot walls and base (**Fig.9**).

Offer glass panels into the slots ensuring they are fully down (**Fig.10**).

Offer rail hanger brackets onto top rail ends ensuring the rail slot are facing downwards. Pilot drill through back bracket holes and fix using screws supplied (**Fig.11**).

Apply clear silicone inside the slots of top rail as previously done with bottom rail (**Fig.12**).

Offer top rail assembly between posts and carefully align and insert glass panel tops into rail slots and press the top rail down fully (**Fig.13**).

Centre the top rail hanger brackets to the post. Pilot drill through side bracket holes and fix to post using screws supplied (see **Fig.8**).

If you are using a capping rail, cut the rail to length and offer on top of top rail. Pilot drill down through top of capping rail into top rail and secure using suitable length screws (**Fig.14**).

To finish, run a small bead of clear silicone around each glass panel where it joins the bottom rail (**Fig.15**).

If using a plain square post, apply bead of clear silicone to top of post and screw square top cap into place.

Fig.8

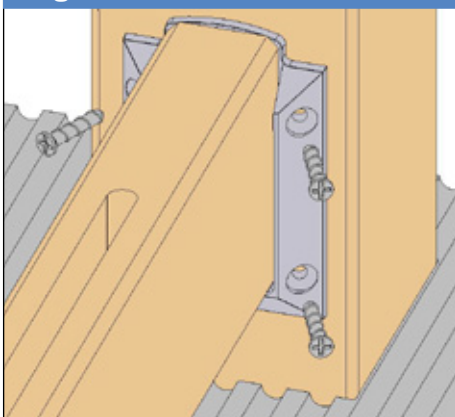


Fig.9

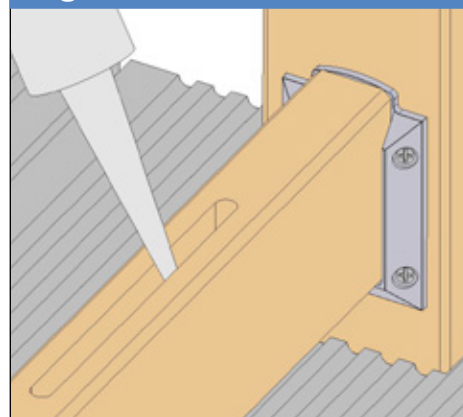


Fig.10

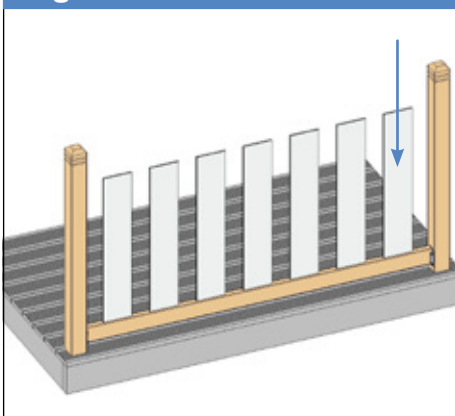


Fig.11

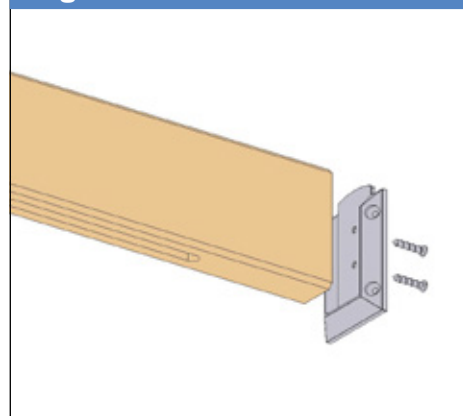


Fig.12

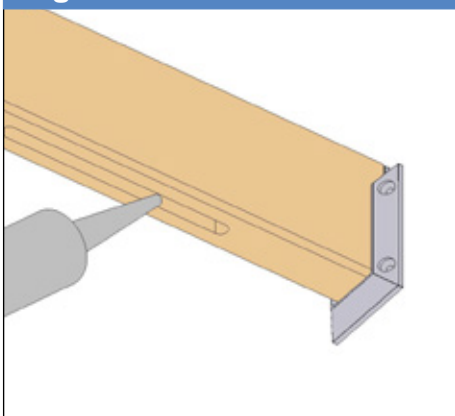


Fig.13

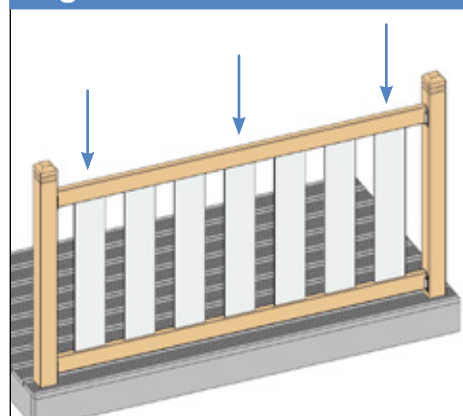


Fig.14

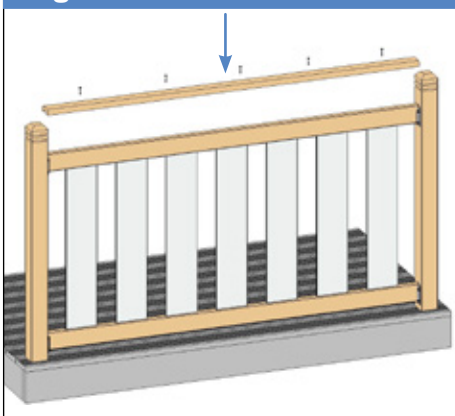
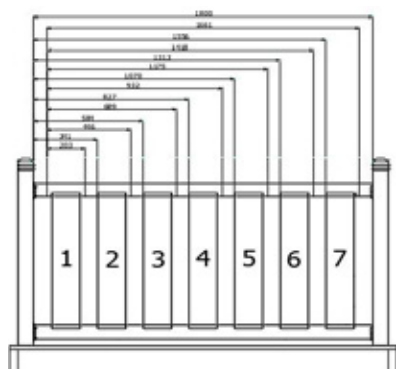
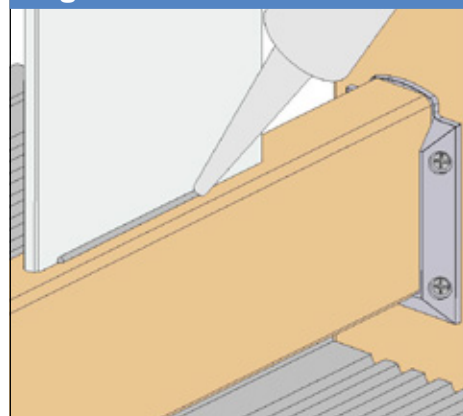


Fig.15



DISTANCE BETWEEN POSTS		
PANELS	MAX	MIN
7	1800	1661
6	1556	1418
5	1313	1175
4	1070	932
3	827	689
2	584	446
1	341	203

Check out our huge **PRODUCT RANGE**

We supply more than you think



www.cheshiremouldings.co.uk



Technical Helpline:
Freephone
0800 085 3475

