



PVC BALUSTRADE INSTRUCTIONS

DECK SUPERMARKET LIMITED SUPER RAIL SYSTEMS





ITEMS REQUIRED TO FIT

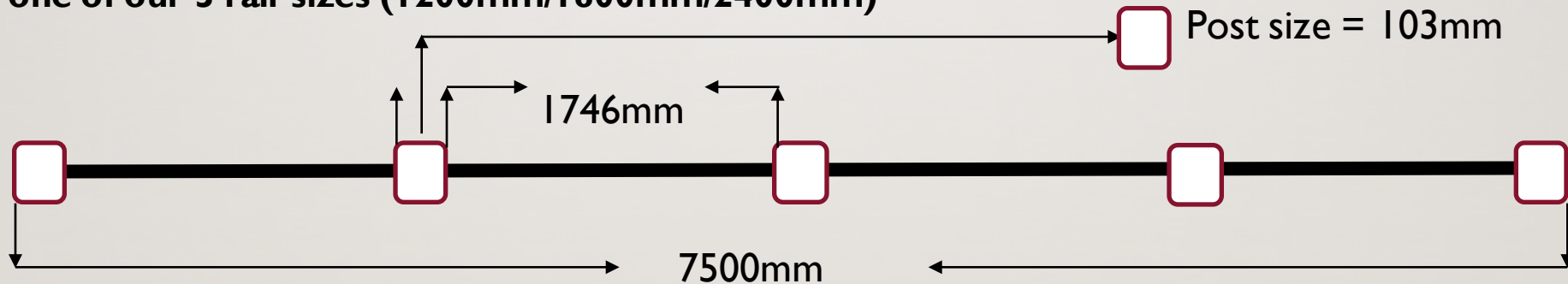


- **Safety Gloves, Safety Goggles and Ear Protection as required**
- **Pencil and Tape Measure, String Line and Spirit Level**
- **Drill/Driver and Screw Driver**
- **Fine Tooth Wood Saw or Power Saw**
- **Hacksaw**
- **Appropriate Screws**
- ***N.B. These instructions are intended as a guide only as all installations vary. All Super Rail Balustrade should be installed by competent persons Deck Supermarket Limited can not be held responsible for mistakes or injury that happen while using this guide.**
- ***All heights and Building Regulations should be checked with Local Authority prior to installing and correct codes of practice followed by the installer.**

SETTING OUT YOUR POSTS



- When setting out your Super Rail posts we feel it is important to give a balanced look i.e keeping equal distances between posts over the length of your balustrade run.
- This is done by simply measuring the length and dividing until you reach a size that is closest to one of our 3 rail sizes (1200mm/1800mm/2400mm)



- E.g. your total length is 7500mm. Minus 5 posts @103mm each (515mm) take this from total length to give 6948mm, divide by 4 and you will have 4 equal sections between posts of 1746mm don't forget to allow for the brackets and use the next rail size up (use 1800mm rail section for this example and trim to suit)

SETTING OUT YOUR POSTS CONTINUED

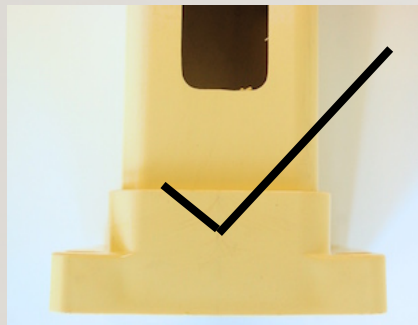


- **Mark out and fasten down your Super Rail galvanized metal post inserts. Make sure they are as secure as possible and always use the correct size and type of fixing for the substrate you are fixing to. You may need to turn the inserts upside down and make the 4 holes larger by drilling if using rawl bolts to secure into concrete.**
- **You may need to pack under the post insert to achieve true vertical plumb on all sides , use a spirit level for this. After fastening your metal post insert down you can then slide over your Super Rail Post Sleeve and now is the time to add your Super Rail Post Shroud if required.**
- **It may also be necessary to string a line between the 2 most external posts to level the top of all the posts if the surface you are fitting to is not level. This is recommended to be done after the rails have been fitted.**
- **All PVC parts should be protected and handled with care to avoid damage and scratching in each process.**

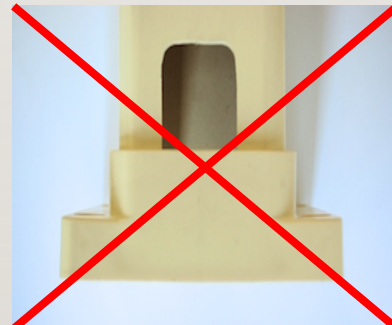


FITTING YOUR RAILS

- **After fitting your posts you can now look at attaching your rails. First you will need if necessary to trim your top and bottom rails to size, the brackets are 30mm deep so allow a certain amount of leeway, be sure to take equal amounts off of either end as this will ensure you have equal picket spacing at the each end. This can be done with a fine tooth wood saw or blade if using a power tool, make sure you first remove the steel reinforcement, this can be cut with a hacksaw if required. All metal cutting should be carried out away from all plastic parts**



**Correct
Fitment**



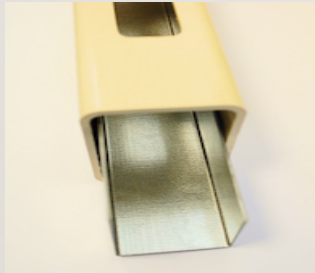
**Incorrect
Fitment**

- **You should take care when cutting the rails down to make sure the brackets finish on solid material and not part way through a picket hole. See photos.**



FITTING YOUR RAILS CONTINUED

- You can now set the height of your bottom rails at each end of the run, we use off cuts off bottom rail placed either end to do this or if using the commercial height (1100mm) then you will need to space a maximum of 100mm from the floor, a good tip is to then use a string line between the 2 external end posts to ensure you have a true line through the run of rails. If your deck sags slightly or your surface is not fully level then using this to measure from could result in the rails looking out of line.
- Now that you have marked out you can slip in any reinforcement being careful as they are very sharp and put on the bottom rail brackets to each end and fix the bottom rails at either ends to your posts. Make sure the picket holes are facing upwards.



Correct Placement of
Reinforcement

-
-
- Once all bottom rails are fitted you can go along and place a picket in to each individual hole.
- Now add the top rail, starting at one end and holding the rail at a slight angle being very careful not to let the steel reinforcement slide out as they could be sharp and could cause damage or injury. Then go along and insert each picket in to each hole one after another until they are all in and the top rail sits flush and level. Next centralize the bracket to align the top and bottom rails and attach with screws to the post.



FINISHING



- **Now that your Super Rail Posts are in place and your top and bottom rails have been secured you can Finish with one of the following;**

- **Super Rail Standard Cap**
- **Super Rail New England Cap**
- **Solar Post Light**



- **If needed your Super Rail Balustrade can be cleaned with mild soapy water, do not use any type of chemical or solvent cleaner on the PVC as this invalidates the products warranty.**