

# Rail Display Stand

## Construction Instructions

[www.ebmahobby.co.uk](http://www.ebmahobby.co.uk)



## Introduction

The Rail Display Stand is constructed from 6mm MDF. As such normal DIY woodwork procedures can be applied to them. The parts are cut by a laser cutter which results in smoke marks on the surface of the wood. One side of the wood will have slight marks and the other will be more pronounced. Some parts are symmetrical and you are therefore able to choose the visual effect you wish. For asymmetrical parts if you wish to remove the smoke marks then fine sandpaper may be used (use a sanding block, not just the paper on its own).

Where glue is required during assembly a good quality wood glue (PVA) should be used. When wiping the excess away wherever possible wipe it towards the burnt edge as this marks less.

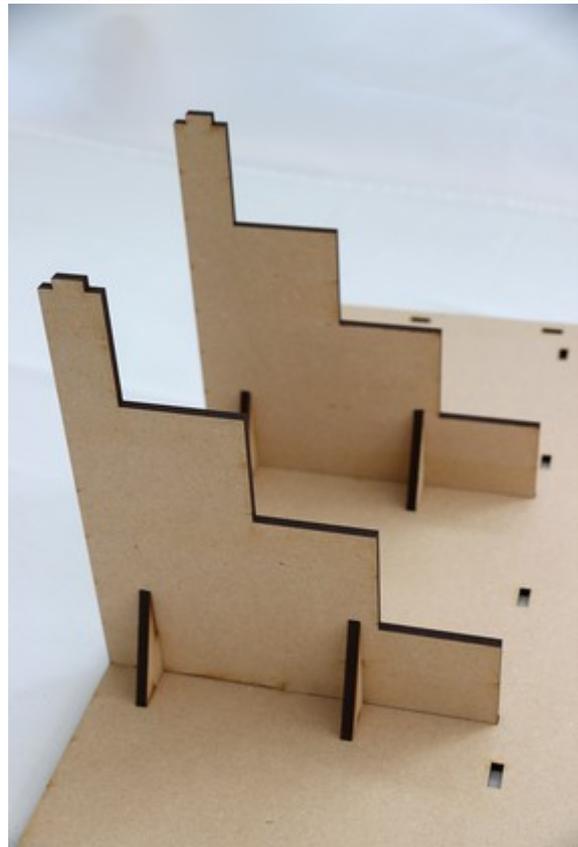
Dry fitting components prior to gluing is highly recommended, i.e. compulsory! You should also use an engineers' square during construction to ensure that everything goes together absolutely square.

# Construction

1. Glue the triangular pieces into the backing sheet. **Don't** wait for these to set solid before moving onto step 2 as the verticals and these triangular pieces are mutually aligning.



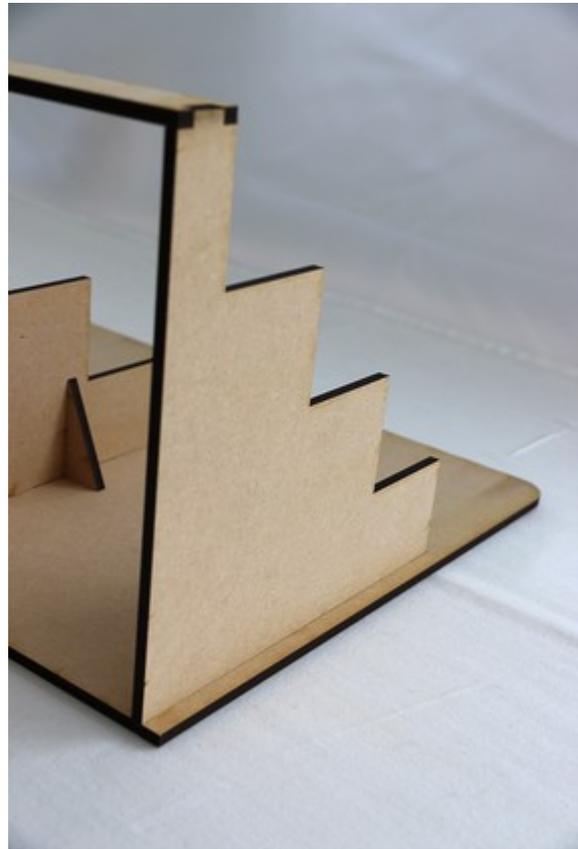
2. Glue the middle verticals to the backing sheet.



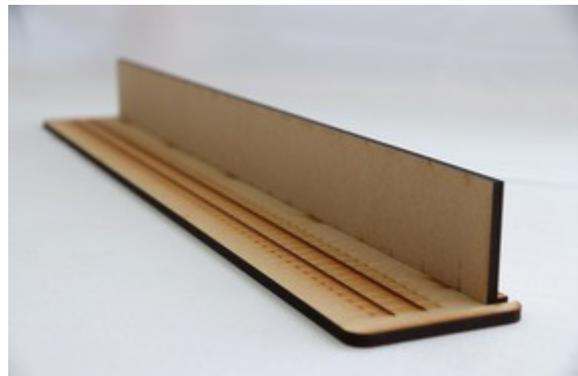
3. Glue the lower front vertical onto the middle verticals.



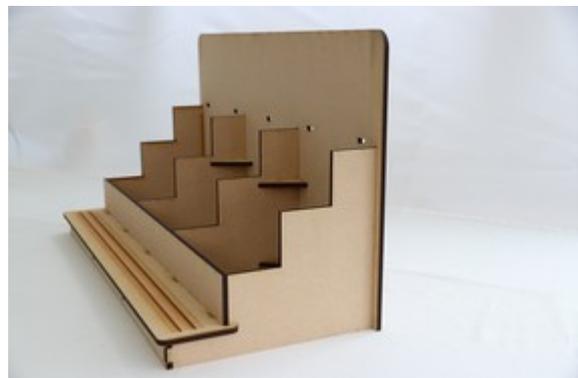
4. Glue the two end verticals into place – slot them into the rear and ensure that they align with the front vertical.



5. Take one of the three identical rail shelves and glue the rear to it ensuring they are at right angles.



6. Glue the first shelf to the stand. Note that there are cutouts on the rear of the shelf to locate around the stand verticals.



7. Repeat for the steps 5 and 6 for the next two shelves.



8. Glue the top shelf into position. The stand is now ready for use.

