

# Plain Rack Three Shelf

## Construction Instructions

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



## Introduction

The EBMA Racks are produced in a combination of 3mm and 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).

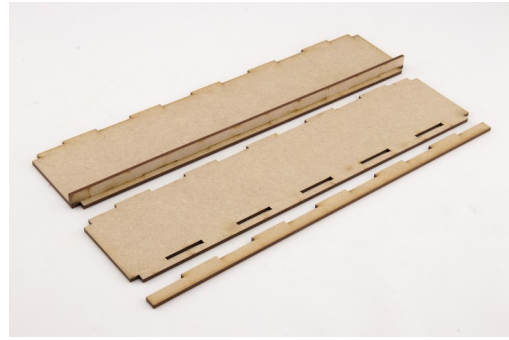
Where glue is required during assembly a good quality wood glue (PVA) should be used. When wiping the excess away wherever possible wipe it towards the burnt edge as this marks less.

The paint racks may be stacked on top of each other or on top of the modular storage units. When stacking them up it is recommended that they are joined together in some manner and that the upper units make use of the screw keyholes to prevent potential toppling forwards. Please note that these screw holes have not been tested to hold an unsupported rack on a wall.

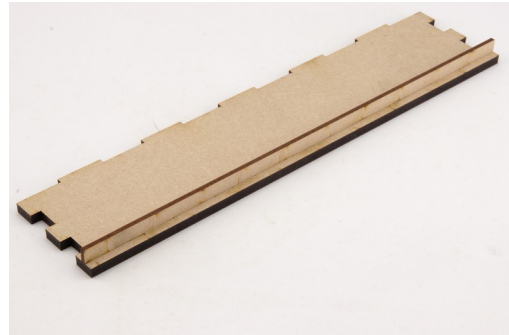
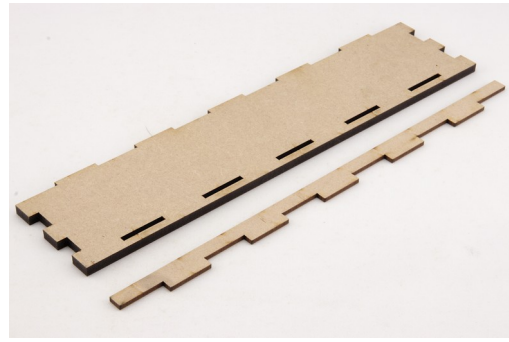
Dry fitting components prior to gluing is highly recommended, i.e. compulsory! You should also use an engineers' square during construction to ensure that everything goes together absolutely square.

# Construction

1. Construction starts with the two intermediate shelves. These are made from 3mm MDF. There are three slim frontispieces, two have 3mm deep tabs and one has 6mm. Glue the two pieces with the 3mm tabs into the shelf pieces ensuring they are at right angles.
2. Place the left hand vertical on a flat surface and insert the two shelves.. Gluing is not necessary for this stage.
3. Feed the right hand vertical on to the shelves. Gluing is not necessary for this stage.



4. Insert the frontispiece with the 6mm tabs into the 6mm base piece.



5. Dry fit the lower 6mm horizontal, then take it apart again, apply glue and refit.



6. Repeat for the upper 6mm horizontal.



7. Dry fit and then glue the lower rear support (3mm)



8. Dry fit and then glue the upper rear support (3mm).



9. Dry fit and then glue the rears for the two intermediate shelves.



10. Your rack is complete - enjoy.

