

Paint Rack MRP

Construction Instructions

www.ebmahobby.co.uk



Introduction

The EBMA Paint 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.

Important Points

To maximise the number of bottles that can be stored in the rack and enable a good view of the bottles the retaining holes in alternate layers are offset (*see left hand image below*). It is important that the layers are inserted in the correct order. The top layer is identified by the semi-oval slots as shown in the right hand picture below. So when inserting the layers in the first step ensure that you alternate the different types.



Construction

1. Place the left hand vertical on a flat surface and insert the horizontal paint support and retention layers into it. Remember to alternate them. For the plain lower support ensure that the notches are to the rear. Gluing is not necessary for this stage.



2. Feed the right hand vertical on to the layers. Start at one end and gradually line up and feed the layers into it working along. Gluing is not necessary for this stage.



3. Place the intermediate verticals onto the supports. Still no glue required.



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



5. Repeat for the upper 6mm horizontal.



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



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



8. Your rack is complete - enjoy.