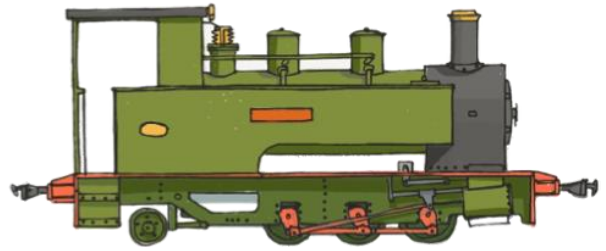


# Bowaters

## MODELS

specialising in distinctive 16mm models



### Bowaters Models – BMV Series Instructions



#### Requires

- IP Engineering Large Laser Cut Bogies
- Accucraft Chopper Couplings

#### Required Tools

- Fine Sandpaper/Emery paper or boards
- Small Files
- PVA Glue
- Super Glue
- Sharp Craft Knife

## Prototype Information

This coach has spent its entire life on the Ffestiniog Railway in Wales. It was one of the first bogie coaches built in the entire United Kingdom. It has been modified over its operational life depending on operational requirements and the managements will but the coach now operates as part of the modern day heritage fleet on the combined Ffestiniog and Welsh Highland Railways.

## About the Kit

The kit is a wooden kit comprising of a set of laser cut wooden parts.

## Chassis Fitting

This kit is designed for IP Engineering Large Laser Cut bogies. These are built as intended and are one of the last two items fitted to the models during assembly. However it is a good idea to build these early in the assembly process so they're ready to use at the appropriate time.

## Couplings

This kit is designed to make use of the Accucraft Chopper Couplings. These are mounted on the bottom of the chassis plate in the middle of the chassis.

## Instruction notes

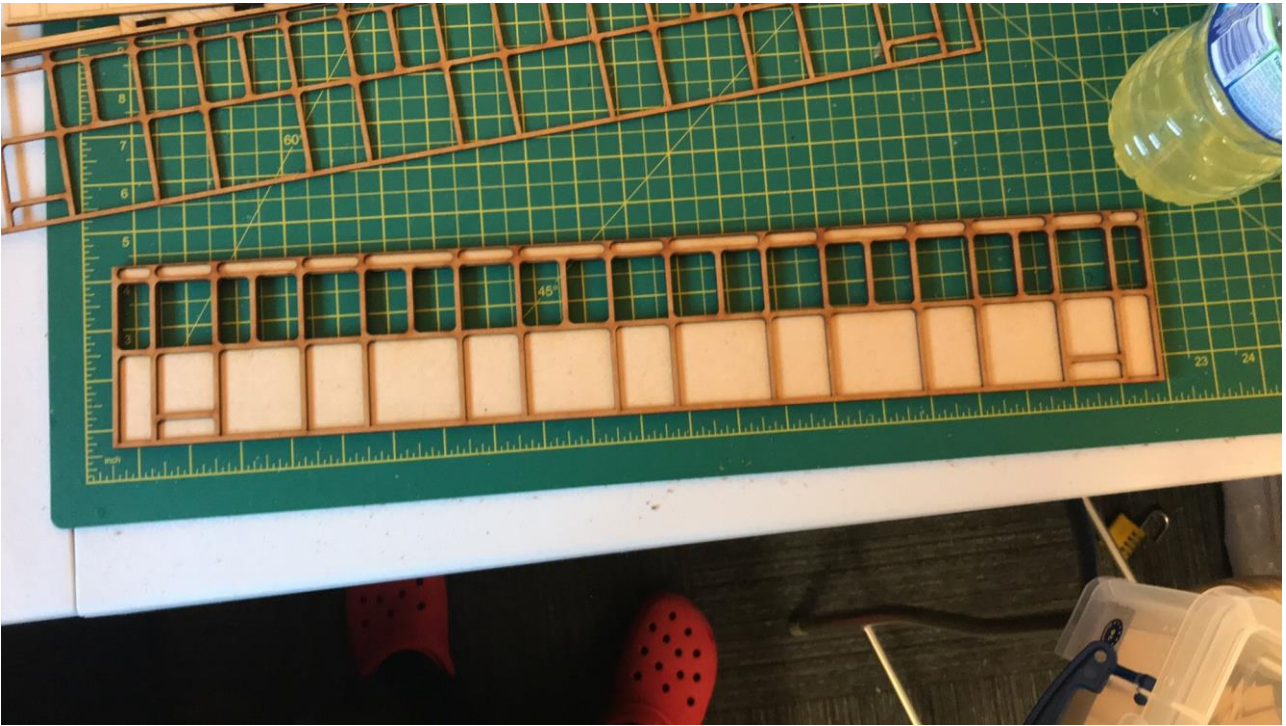
With these instructions, there are images which show various stages of the construction of two coach kits. They are of the Prototypes for BMV-001 which isn't representative of the kit you have brought. They are for reference purposes only.

## Painting

The coach has had many paint schemes over its operational life. As modelled, the coach is best painted in Colonel Stevens Green and Red.

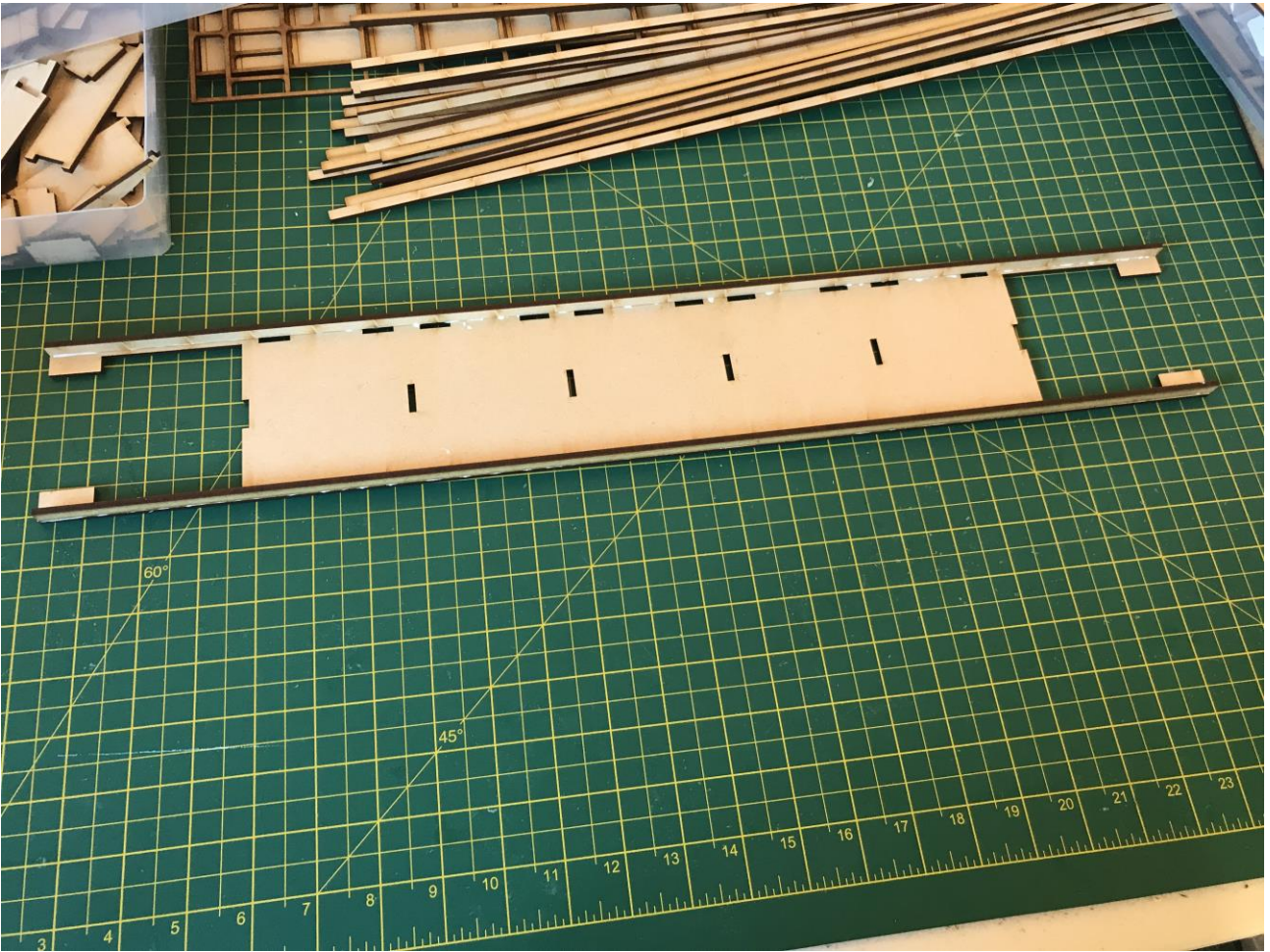
# Please Turn over

Please read though these instructions before beginning to assemble your  
kit

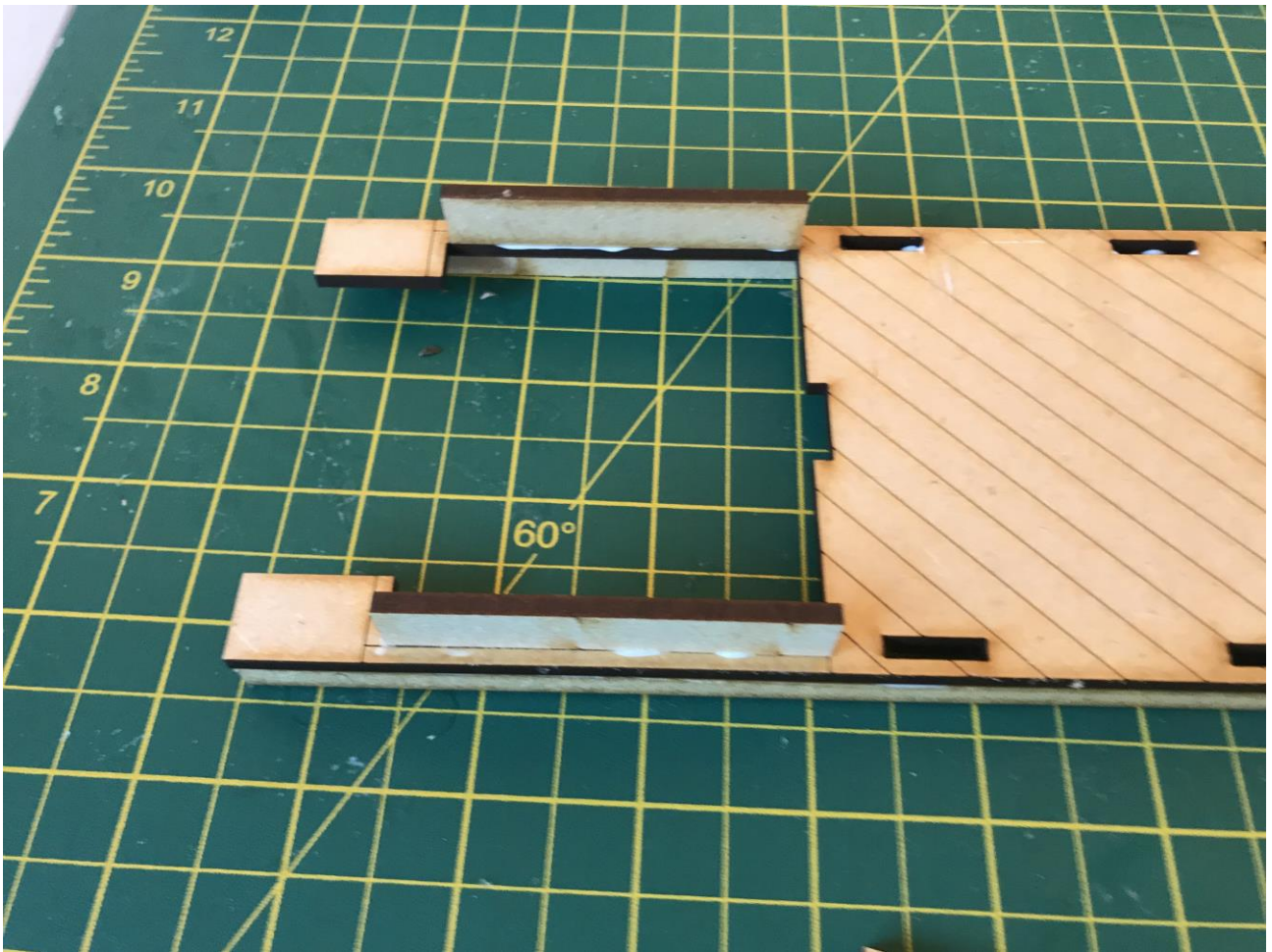


*Start by gluing the beading onto the sides of the coach. These sit on the etched detailing on the side and the detailing should be used as a guide for assembly.*



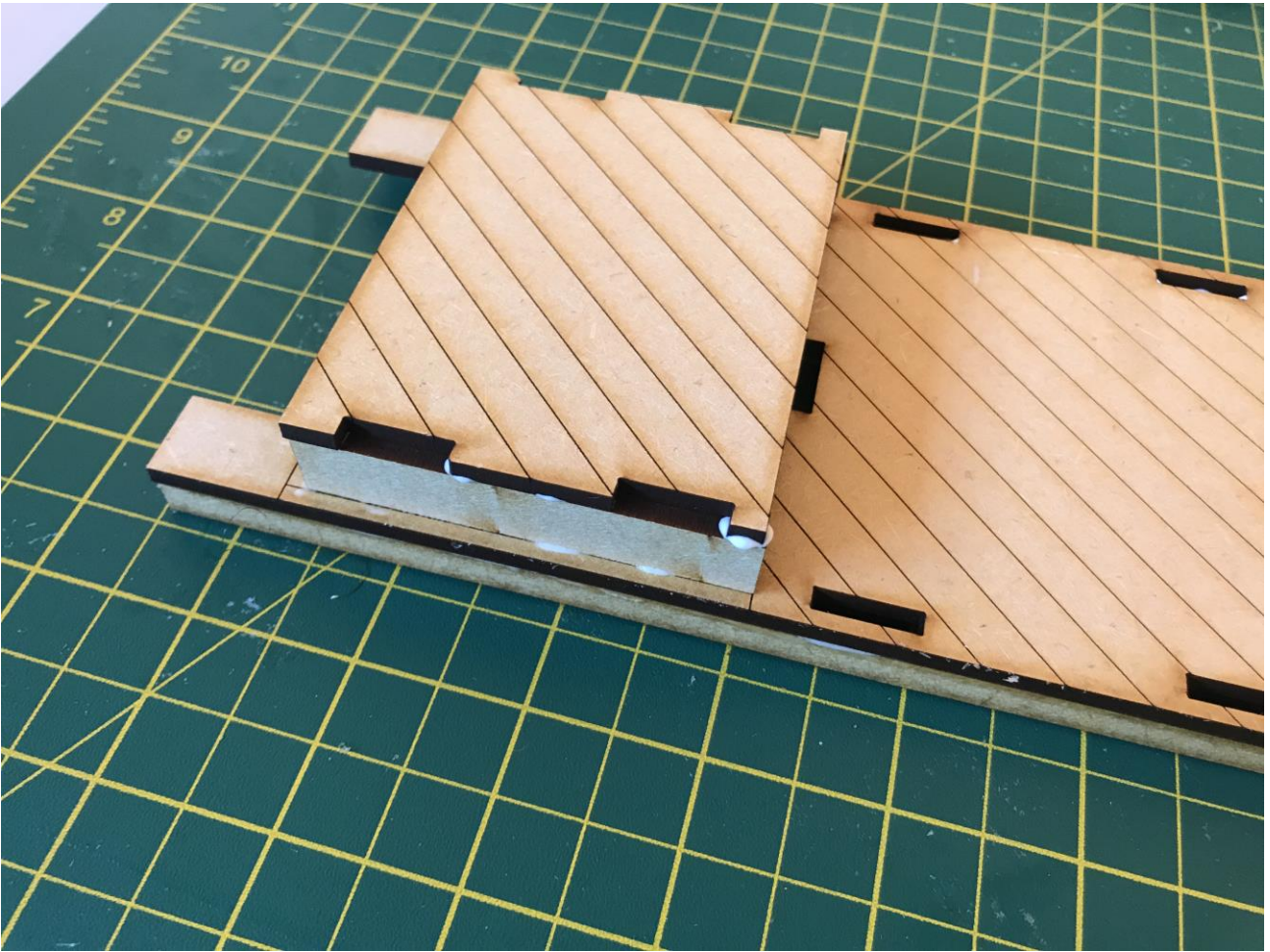


*Time to start on the main coach. Glue the chassis side pieces on the edges of the coach. These run the length of the chassis piece.*

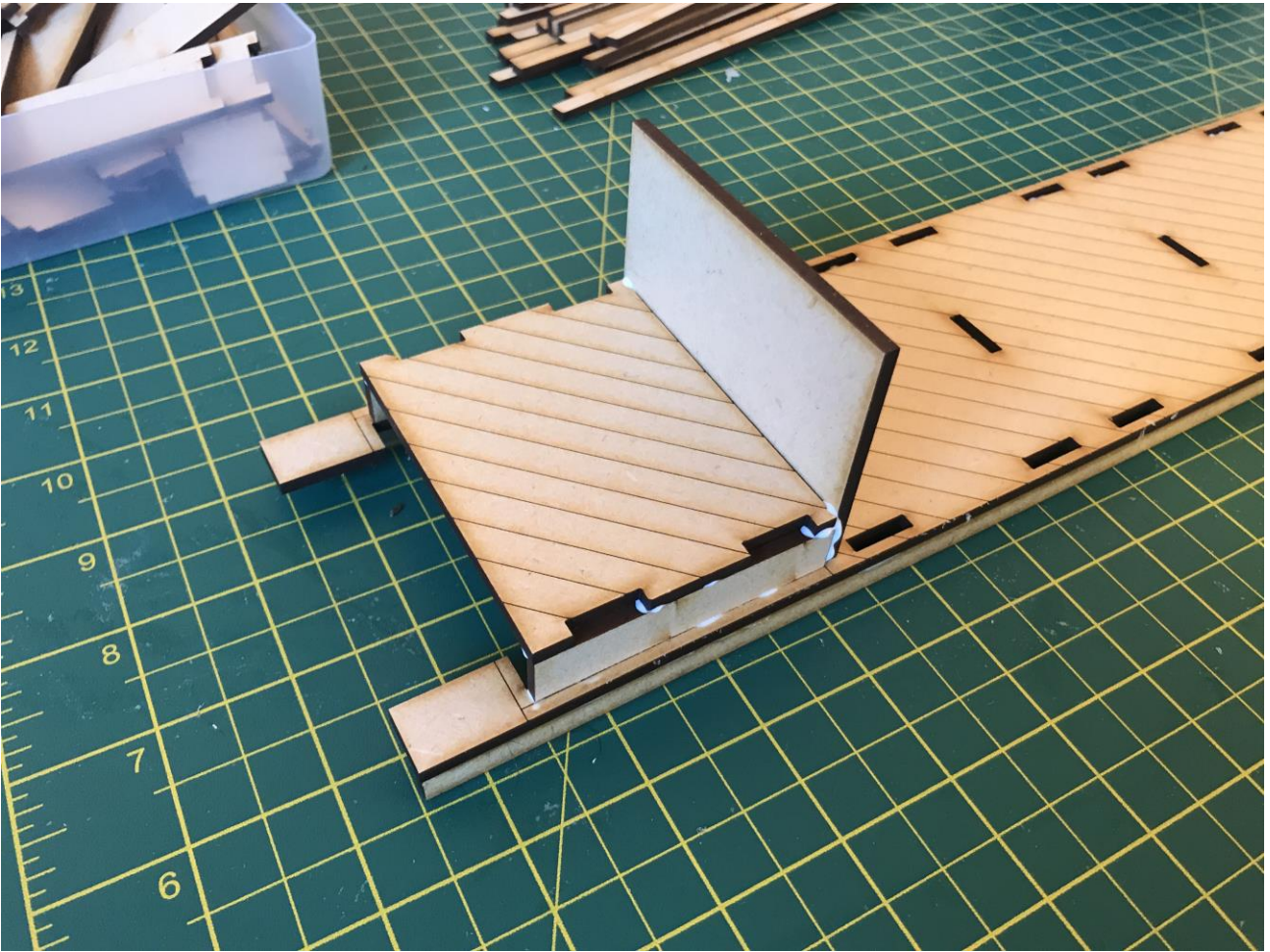


*Time to flip the chassis over the start on the top. Glue the thin chassis sections into the etched sections around the bogie cut outs.*





*Now its time to add the extra floor sections. These sit on top of the raised chassis sections.*



*Start to glue the seat uprights on now. These slot into the slots running across the coach.*





*Once they are installed, its time to add the seats. The uprights slot into the remaining areas between the seat uprights.*





*It is recommended that you glue the seat uprights for the raised sections after you can done the main coach as these require a little extra care with the assembly.*

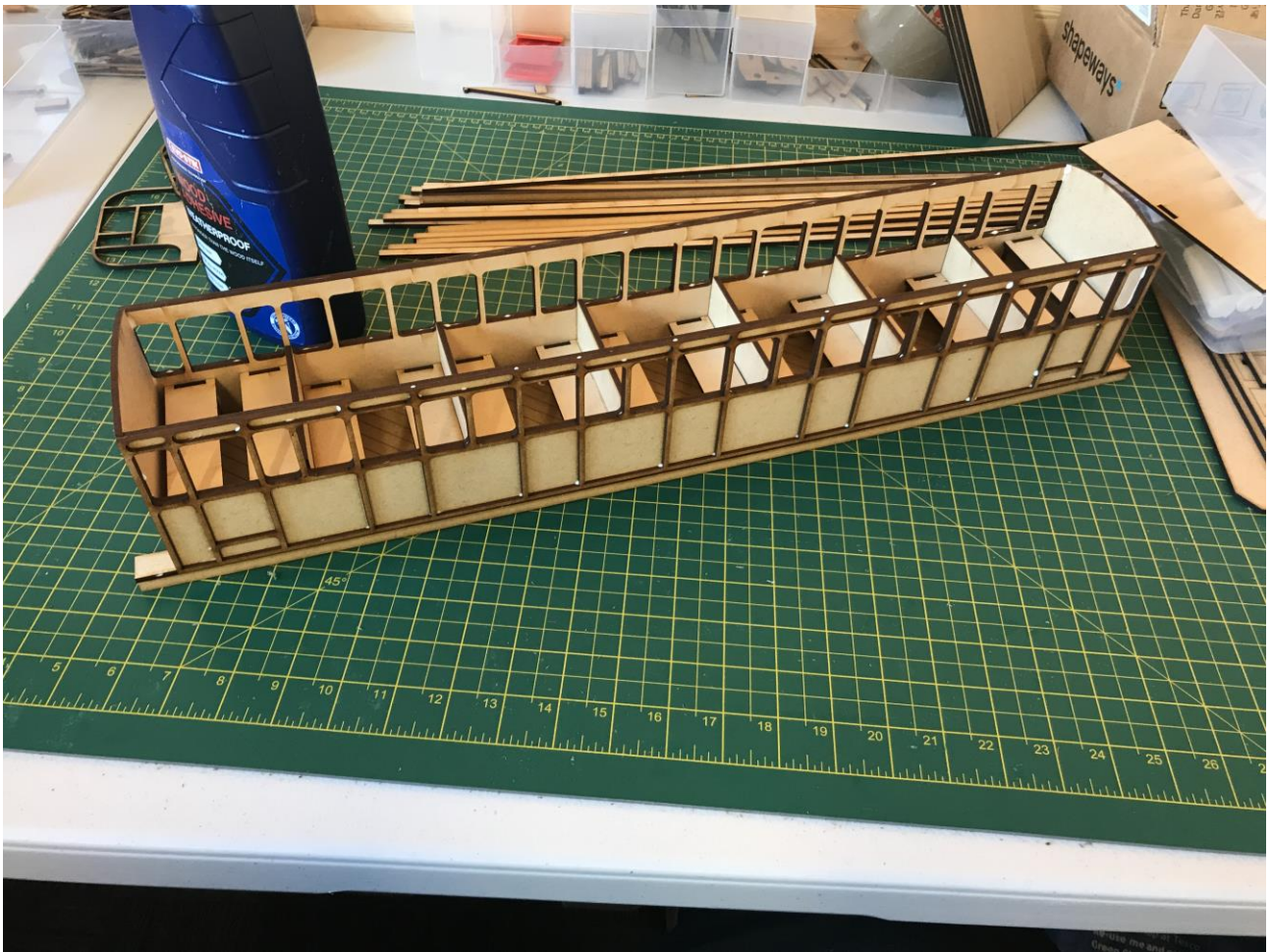


*Now its time to add the seat tops. These fill the gaps between the uprights and the seat mounts forming a solid structure.*



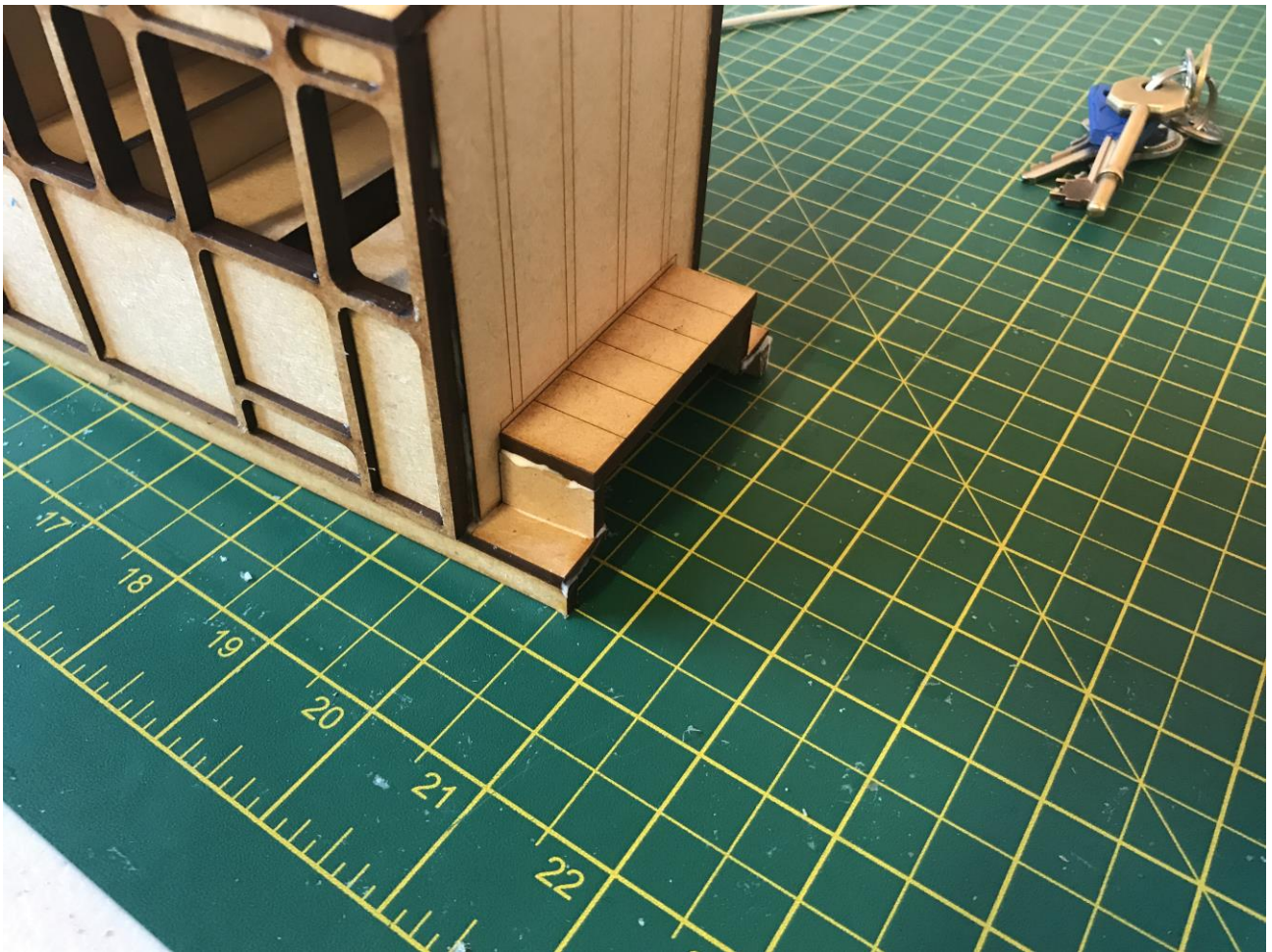


*Now its time to start assembling the outside of the coach. Glue the ends of the body onto the end of the chassis.*

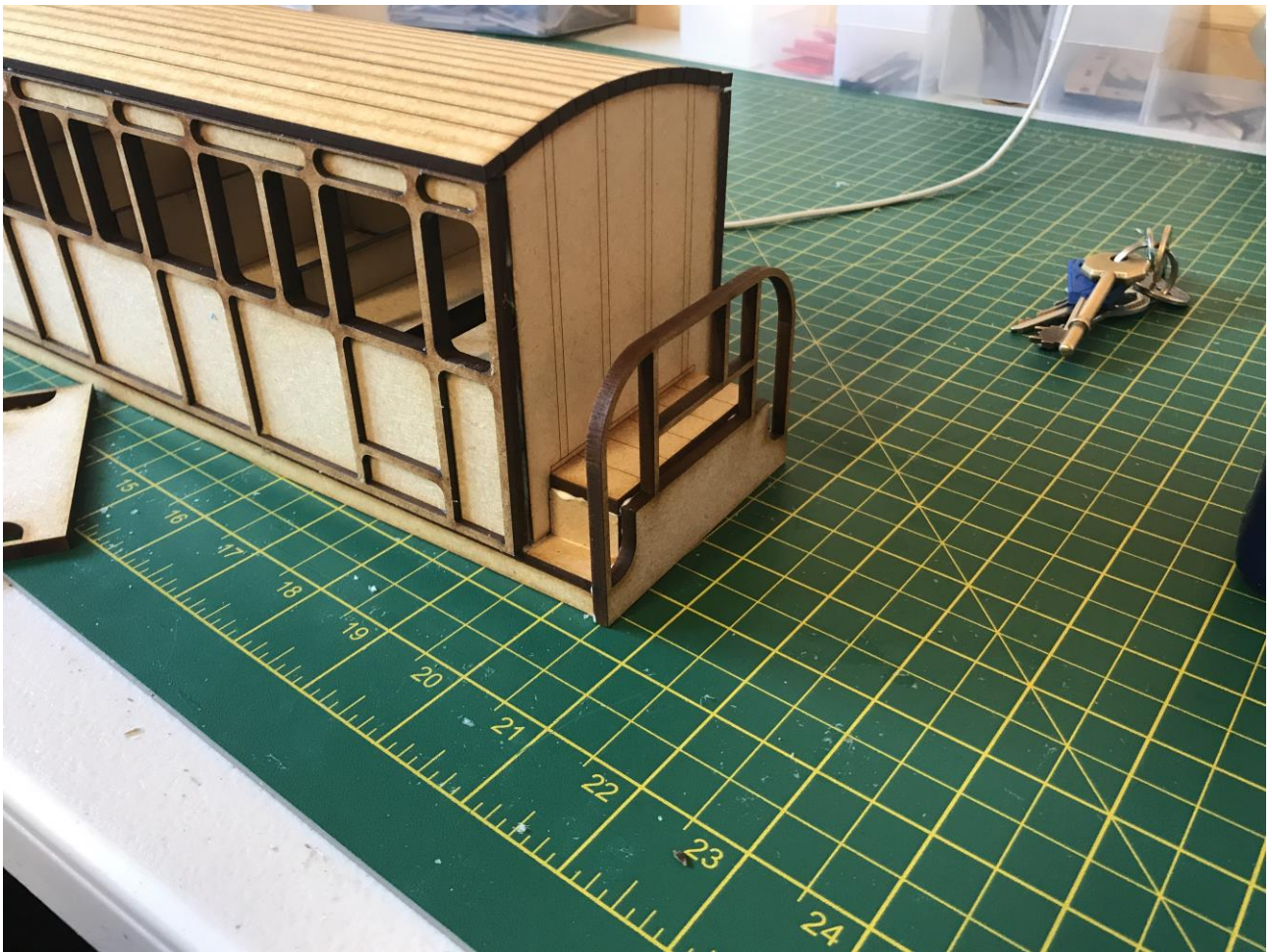


*Now its time to glue the complete sides onto the coach. This completes the core structure of the main coach.*





*Now its time to glue the balconies on. These are formed of 3 same width pieces which form a inverted U shape over the cut out in the chassis.*



*The balcony rails are then glued on next. These form the end of the coach and connect the main chassis plate to the coach body more securely.*





*Now its time to do the roof. The roof supports sit on the inside of the coach sides.*



*Now its time to glue the roof on. The roof beams sit on the top of the coach.*





*Now its time for the Bogies and couplings. The bogies sit in the exact middle of the cutout on the raised section of the chassis. This is due to the low profile of the coach. The couplings are mounted onto the balcony rail sections. They are mounted in the middle of the section mounted just below the raised chassis section. This completes the model.*



We hope you enjoy your Bowaters Models kit! If you have any questions, don't hesitate to contact us on [info@bowatersmodels.co.uk](mailto:info@bowatersmodels.co.uk)

We thank you for your custom.