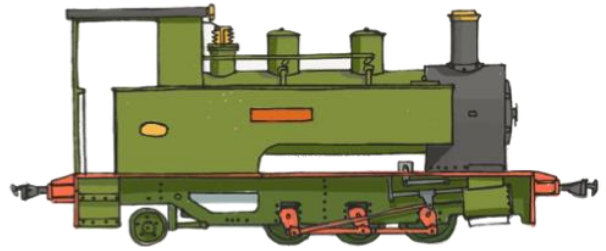


Bowaters

MODELS

specialising in distinctive 16mm models



Bowaters Models – BMU 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 was originally built for the Chattenden and Upnor Railway. The coach operated there for many years before being purchased into preservation by the Welshpool and Llanfair Light Railway with 4 other coaches. The coach operated there for many years before being brought by the South Tynedale Railway. It didn't stay there for long before it was brought by the Welsh Highland Railway in the late 1990s where it remains to this day.

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 BMU-004 which isn't representative of the kit you have brought. They are for reference purposes only.

Painting

These coach has mainly stayed in one paint layout during its operational career. This being Cream and either Maroon or Green.

Please Turn over

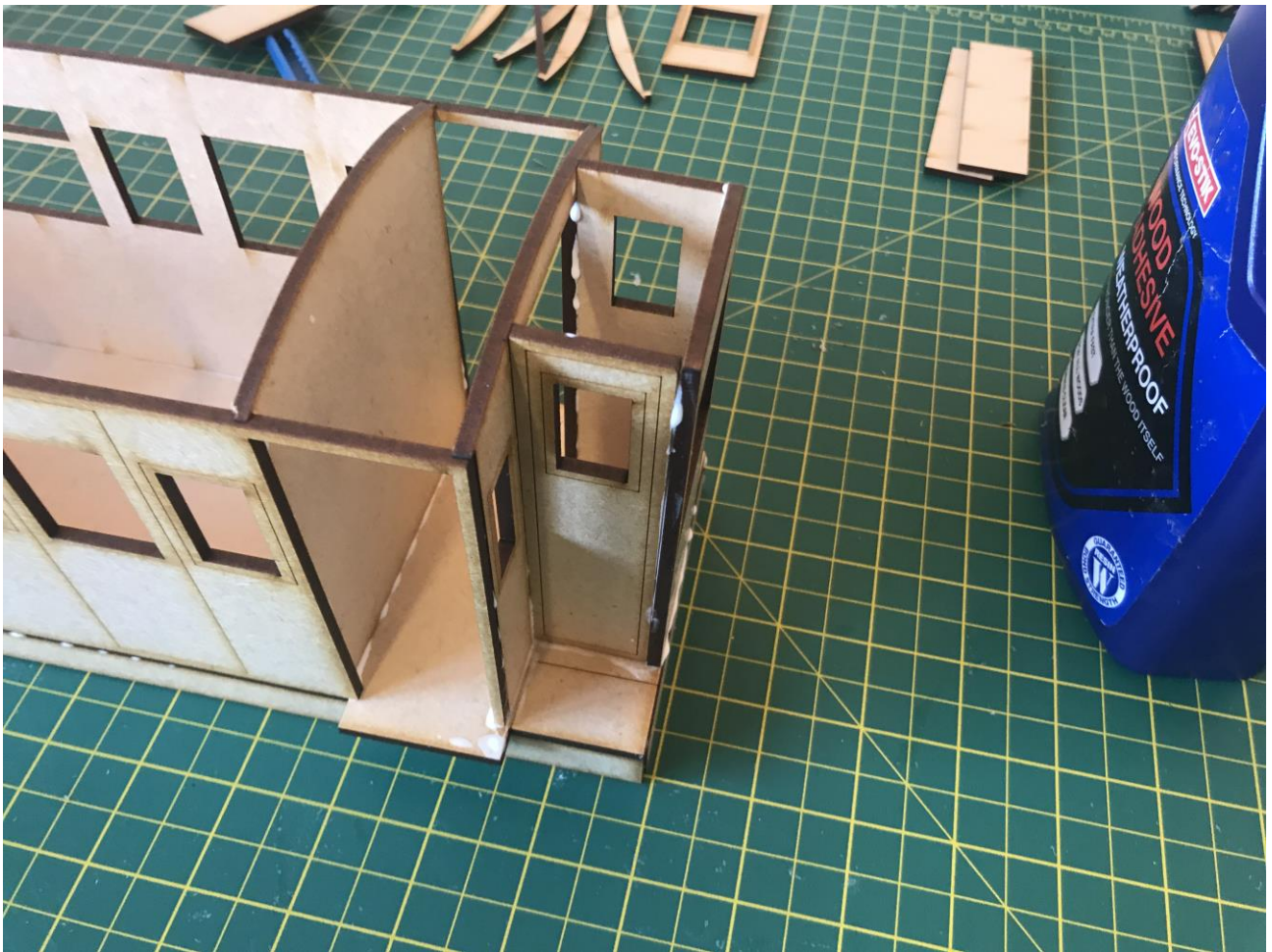
Please read though these instructions before beginning to assemble your
kit



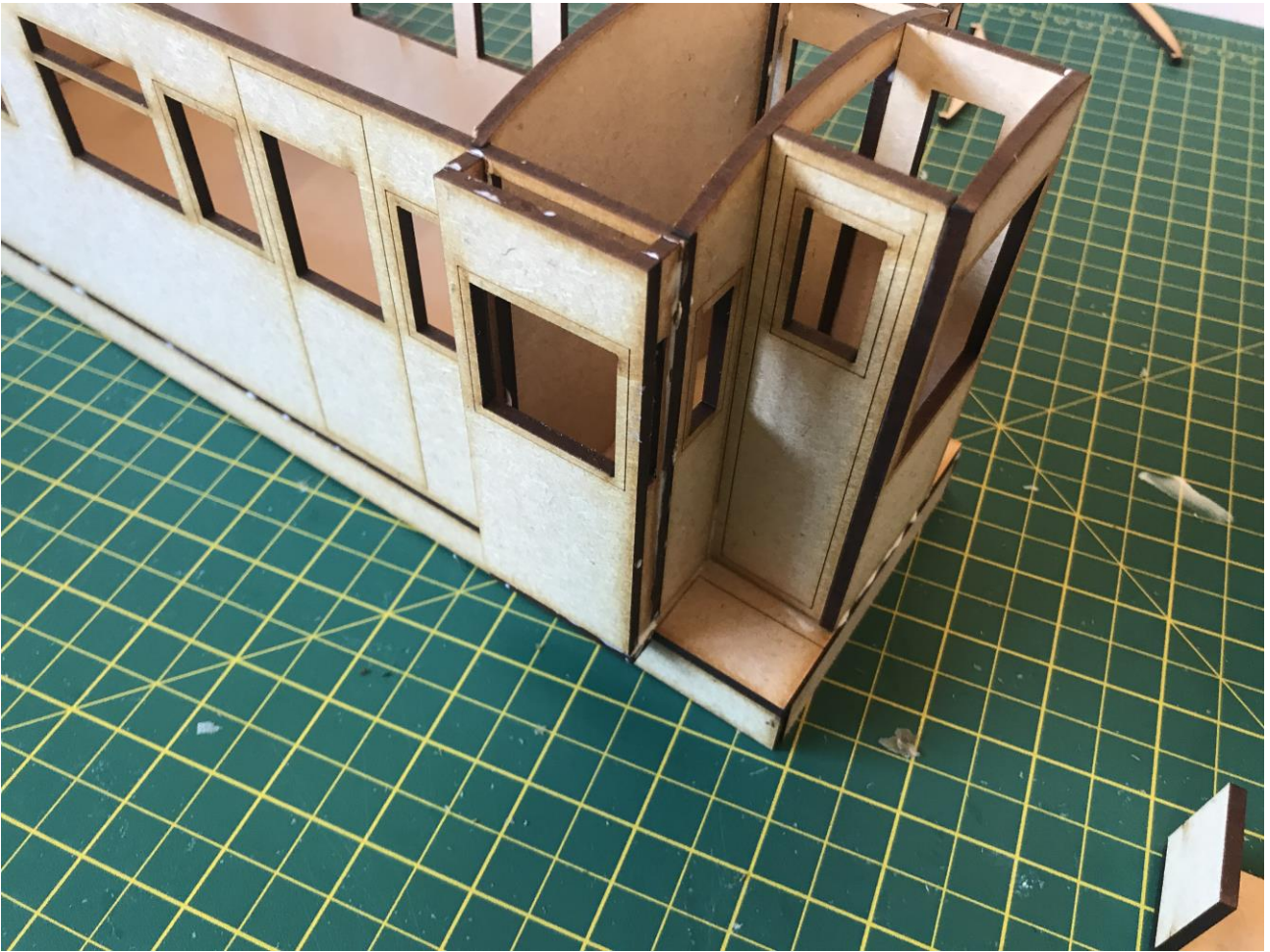
Start by assembling the chassis. There are two bufferbeams and two chassis plates which sit on the bottom of the chassis.



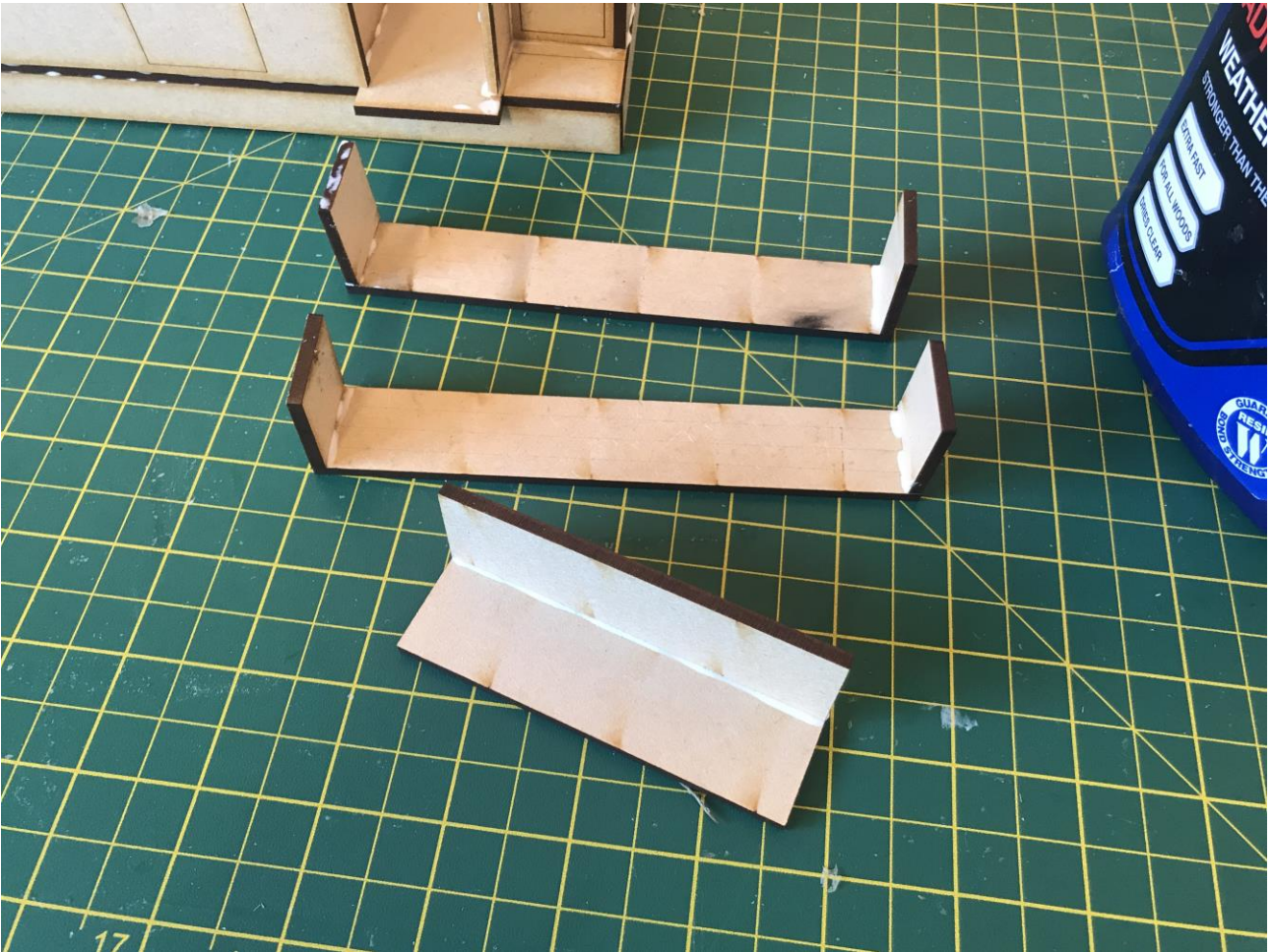
Next, start assembling the main part of the body. The body is held together by 3 end pieces. One with a window in for the non brake end, a blank section which sits at the end of the coach section and a U section which sits at the observation end.



Time to assemble the brake end of the coach. Start by assembling the small end section. This is formed of 3 pieces which glue onto the end of the U coach section.



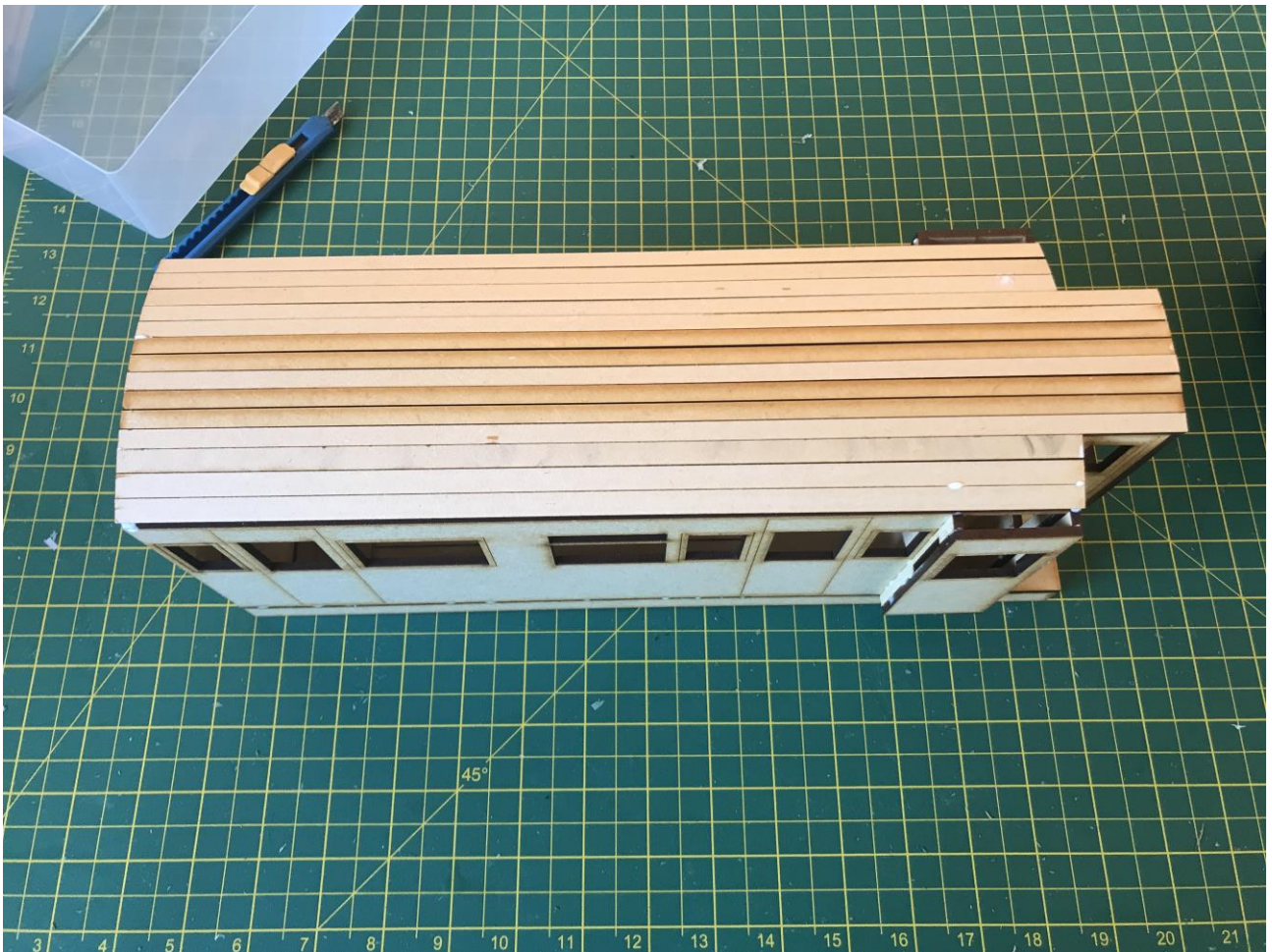
Now its time for the wings. The smaller U shapes sit with the cut out on the outsides of the coach with the side plates being glued on top.



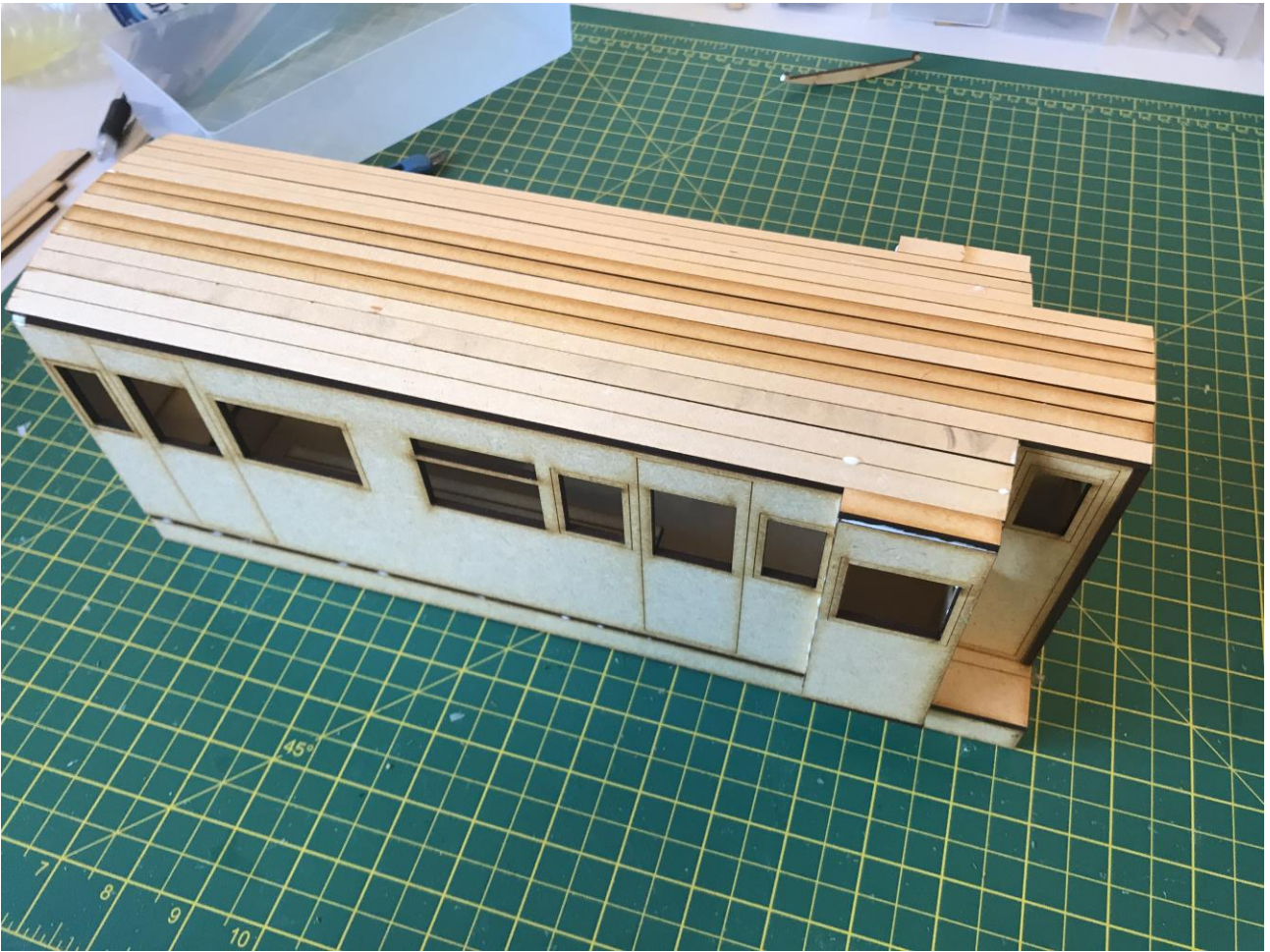
Time to build the interior. The steps are formed of the longer plates with etched details on with the square sections glued on the ends of the plate. The end seat is made from the two coach interior width sections glued in a L shape.



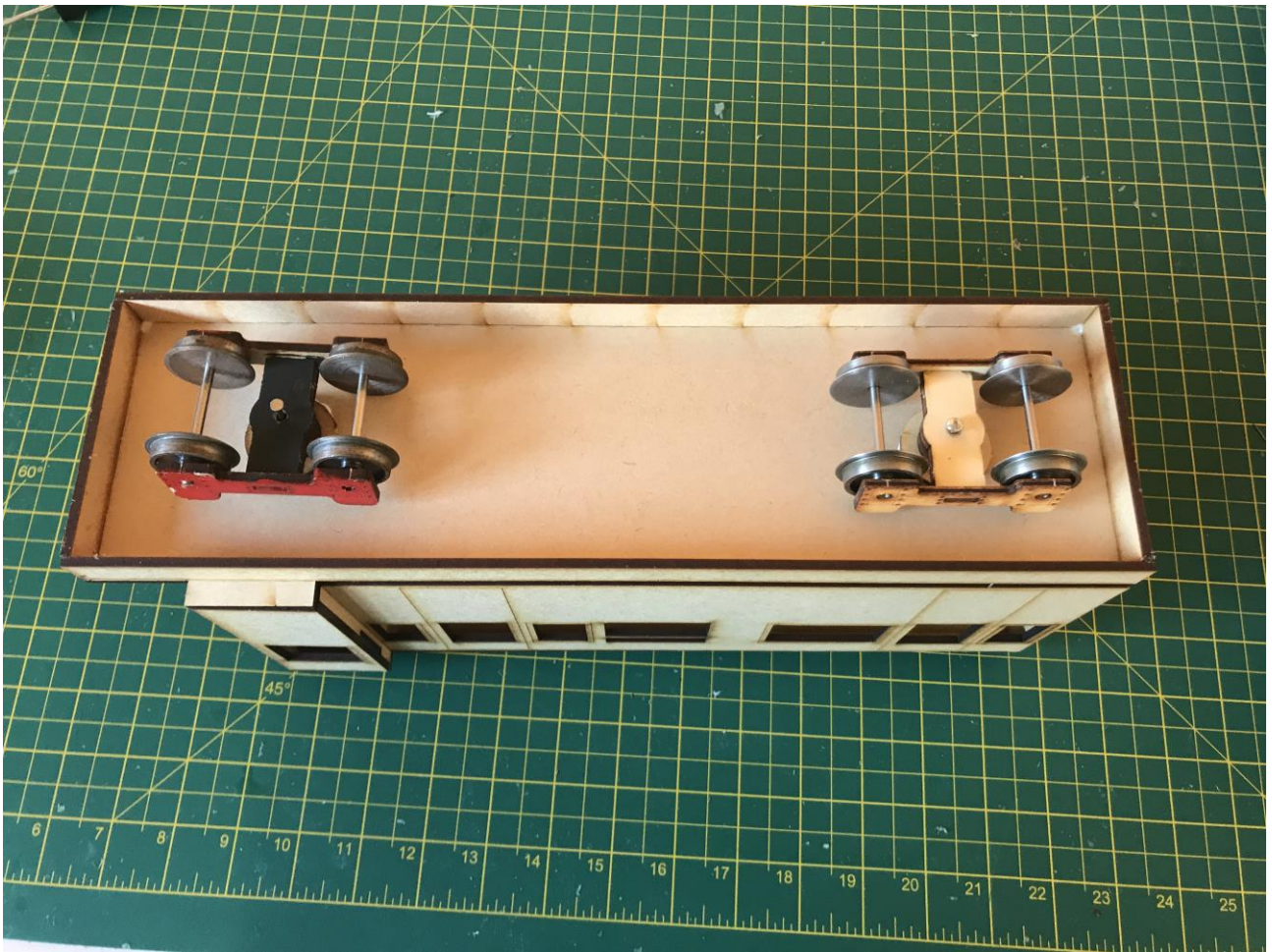
Now its time to glue it in place. The long benches sit between the two doors on the sides. The end seat sits between the end piece and door.



Now its time for the roof. Start by gluing the center section on first. These are the long beams which go over the end section all the way down the coach. After this, glue on the shorter pieces over the rest of the curve. Do not cover the duckets at this time.



Now using the two smaller rectangle sections, cover the roofs of the ducket sections.



Now its time for the bogies. Glue these on the bottom of the chassis plate in the centre of the coach. These sit approximated $\frac{1}{2}$ of a wheel diameter within the inside of the coach. The couplings are glued to the centre of the bufferbeams just below the main chassis plate. This now 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

We thank you for your custom.