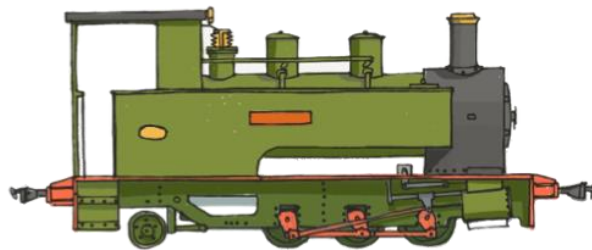


Bowaters

MODELS

specialising in distinctive 16mm models



Bowaters Models – BMGW Series Instructions

GWR Box/Fruit Van



Requires

- Slaters Plasticard 1:32 Wagon Wheels
- Walshall Engineering 3 Link Couplings

Required Tools

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

Prototype Information

These and similar wagons were used around the United Kingdom for a wide range of applications. The examples designed cover 2 different GWR Box Vans that operated in the west of England and beyond.

About the Kit

The kit is a wooden kit comprising of a set of laser cut wooden parts and 3D printed sections.

Chassis Fitting

This kit is designed for the Bowaters Models Wagon Chassis. This is assembled as per the instructions.

Couplings

This kit is designed to make use of Walshall Engineering 3 Link Couplings which are to be mounted in the prototypical location.

Instruction notes

With these instructions, there are images which show various stages of the construction of one of the kits. They are of the Test build for BMGW-004 and BMGW-103 which isn't representative of the kit you have brought. They are for reference purposes only.

Painting

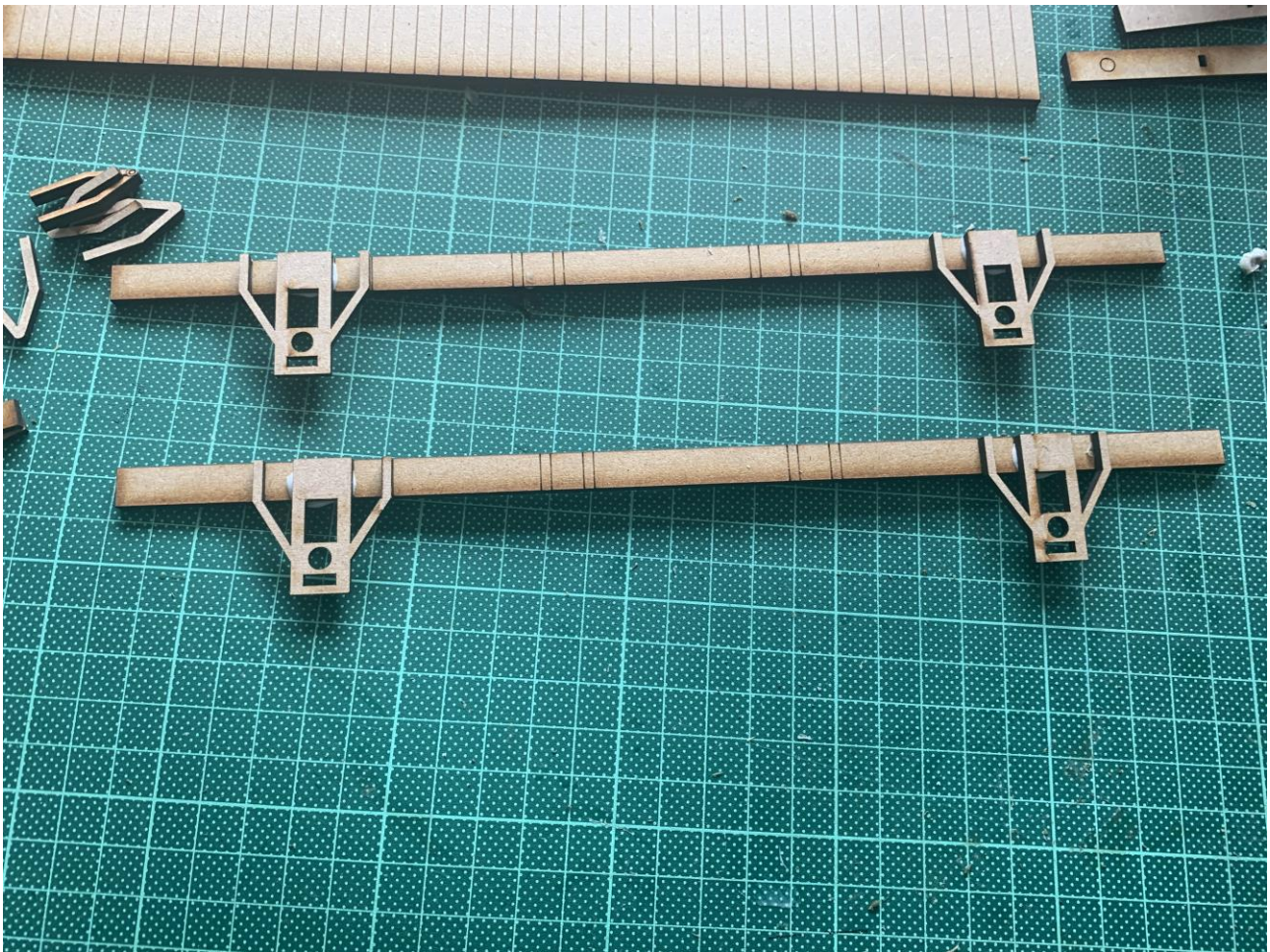
For painting, it is recommended you refer to prototype images to ensure the models are in the condition that you model (Pregrouping, Grouping or Nationalisation).

Please Turn over

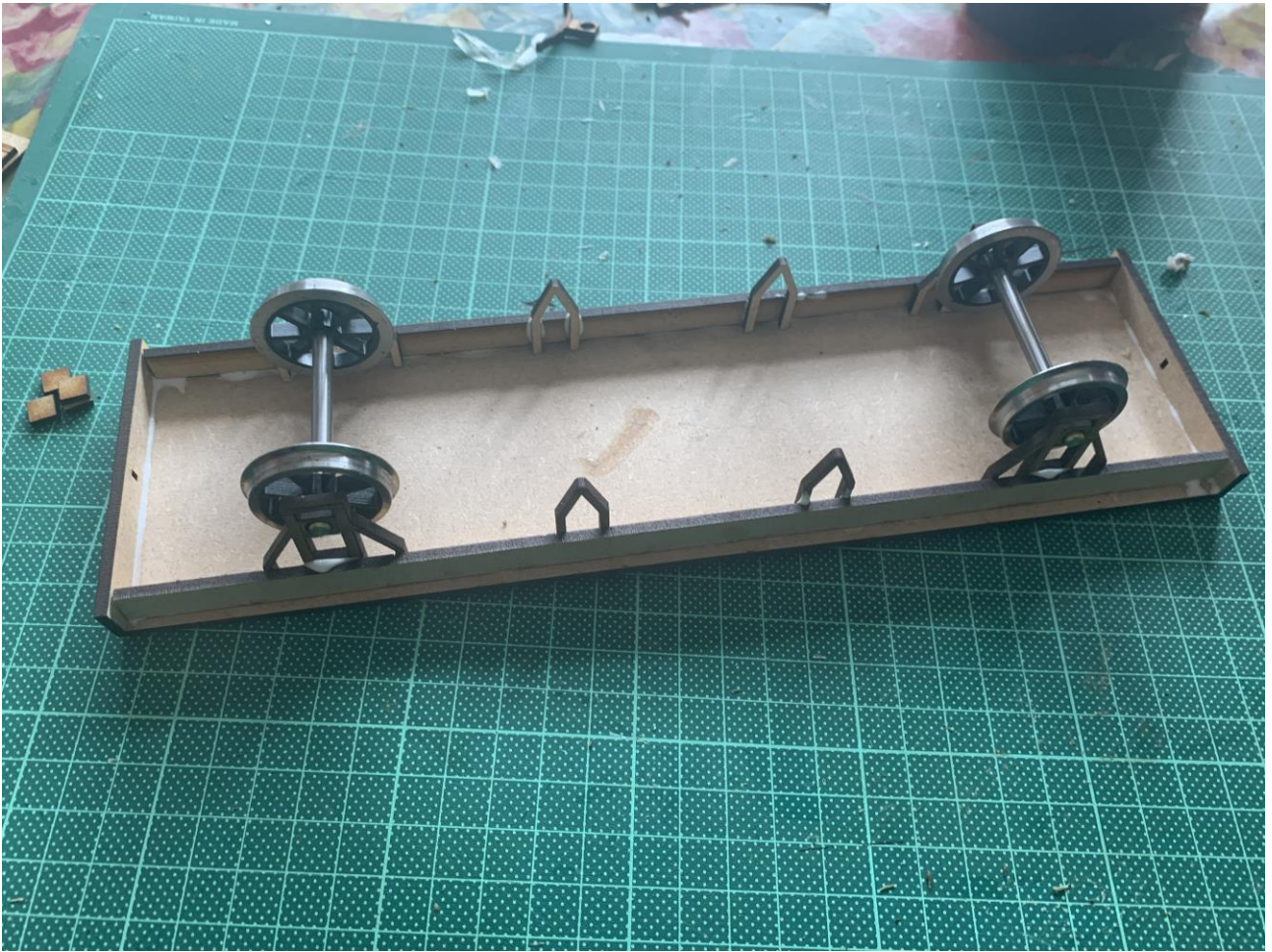
Please read though these instructions before beginning to assemble your
kit



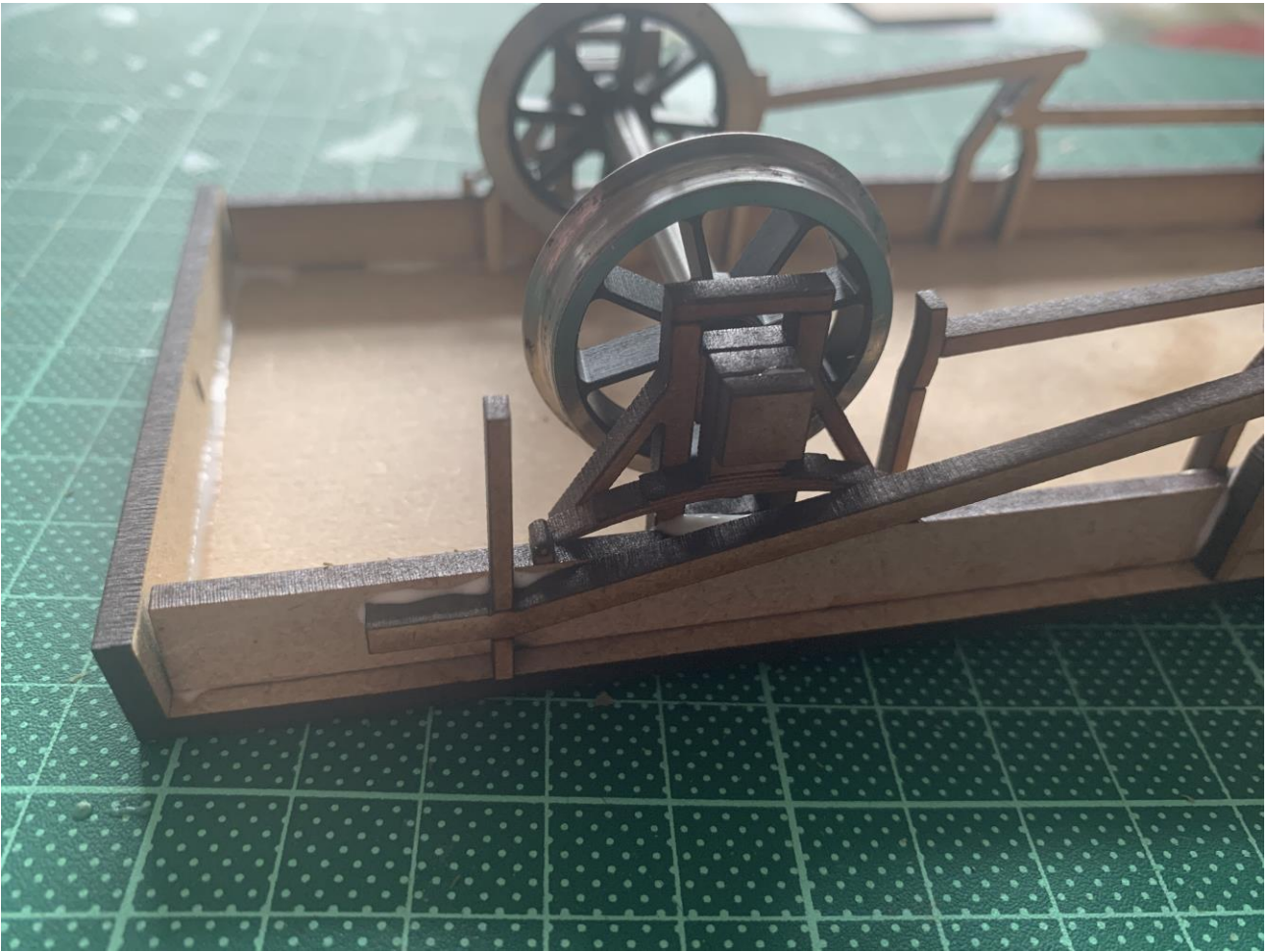
To start assembly, glue the two sides and end pieces onto the chassis plate making sure all the main parts are flush with the sides.



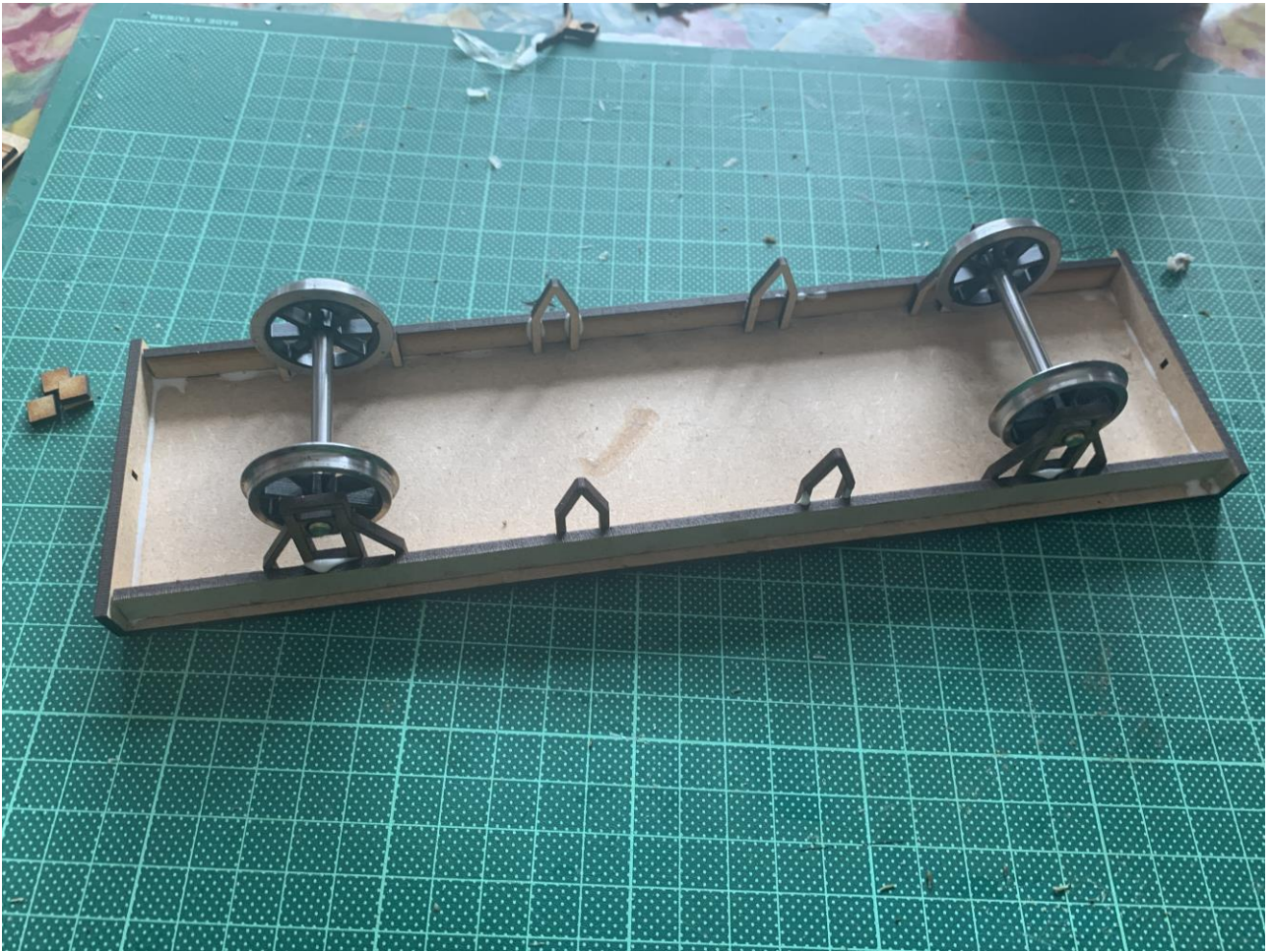
To start assembly of the chassis, start by gluing the axle boxes onto the chassis sides. The sides have etched lines which show the correct location for them on the chassis.



Now, glue the bufferbeams onto the ends of the chassis plate and then glue the chassis sides in place while inserting the wheelsets at the same time. This will produce a rolling chassis in a single step



Next step is to glue on the spring detail. This sits on the outside of the axleboxes. Now is also a good time to glue into place the axlebox covers.

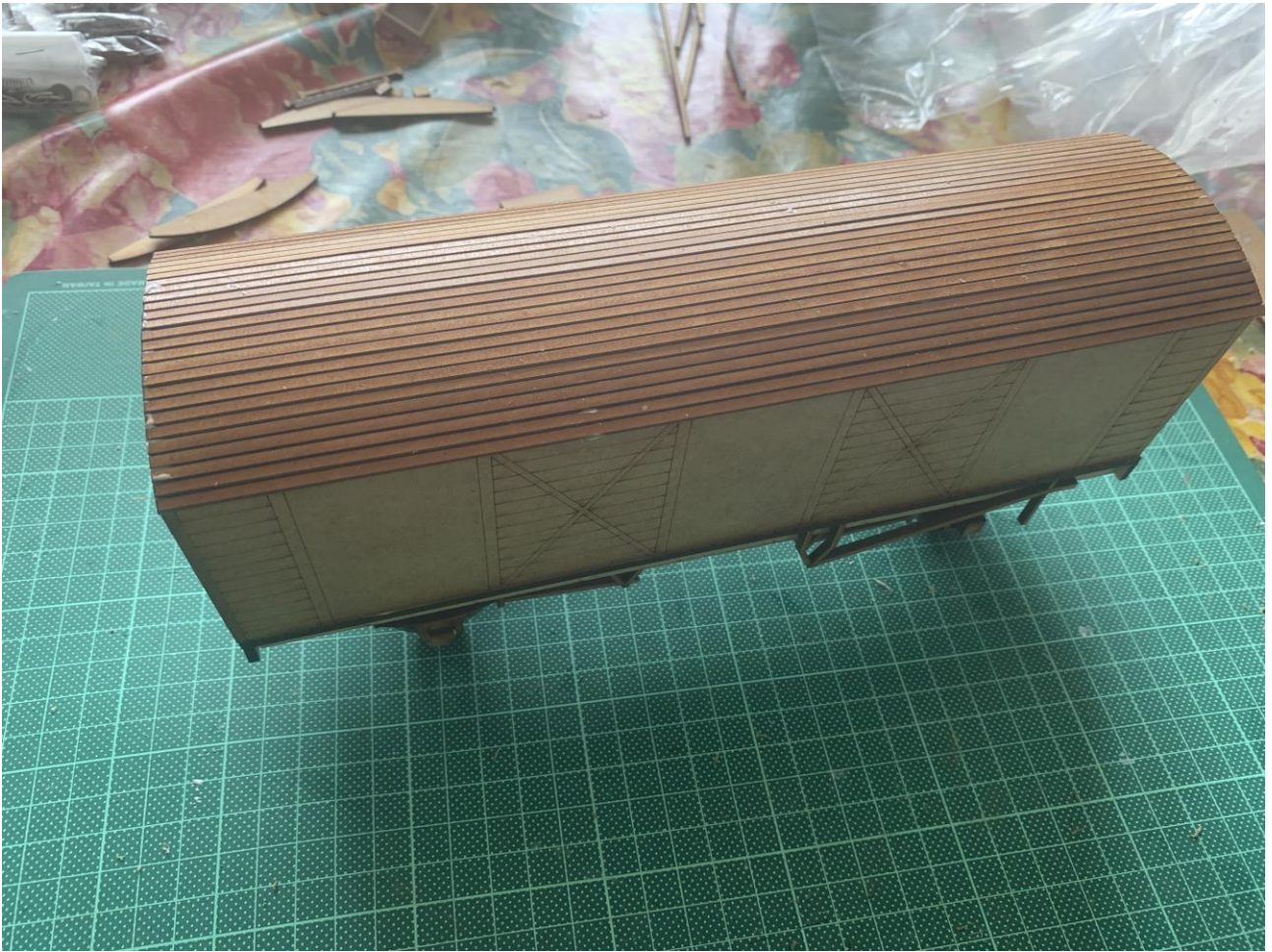


To install the brake gear, start by gluing the V hangers onto their areas on the chassis as labelled by the etched markings on the sides. If you wish to have a wire through the brake gear, you can drill out the etched circle in the centre of each piece for a wire to slide through.

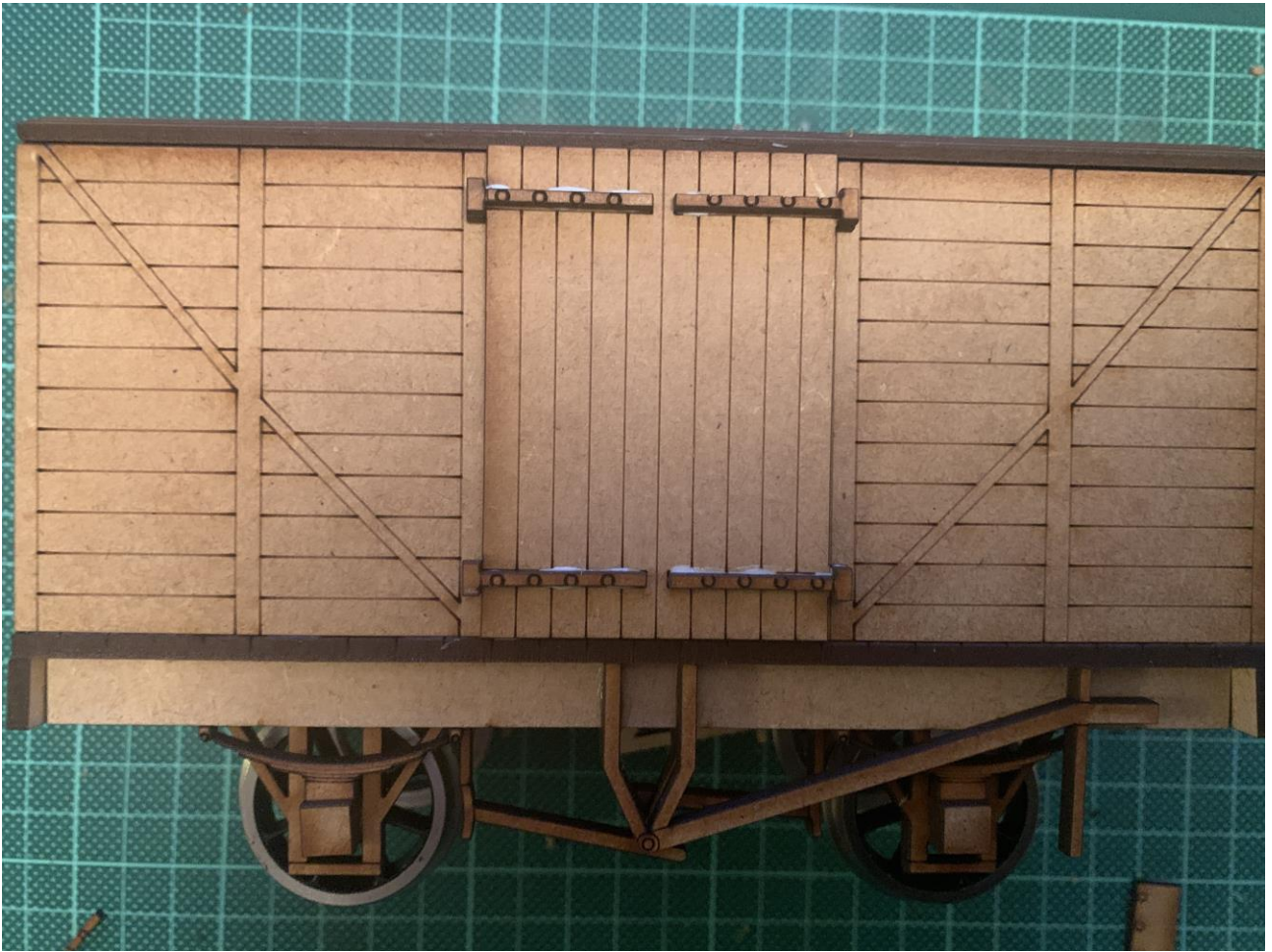


Next you can glue on the brake blocks. These sit behind the internal V hanger and should sit with the wheels able to turn freely.

Next glue on the brake handles. These go onto the outside of the model with the V hanger in line with the one on the interior.



Now, glue on the roof onto the model ensuring it covers the entire length of the model including the end supports. Start by gluing on the wider strips that go on the larger curved section of the roof.



Now Glue into place the side doors and their hinges.



Now its time to start on the strapping. Start by gluing into place the end strapping followed by the side strapping. There is one pair per side on the GWR Van and 2 ends and 2 centre crosses per side on the fruit van. It is also time to glue into place the end strapping on the van as well as the Vents which sit at the tops of the van just inside the strapping.



The buffers are formed of two pieces. The first part is to glue on the 3D printed buffer housings into the respective locations as marked on the bufferbeam. For those who wish to use sprung buffers, there is a half etched circle for you to drill though to place the buffers in the correct location. The final stages of the buffers is to glue in the Brass Pins into place to form the buffer unit. Some straightening of the buffers may be required due to their manufacturing.

Coupling wise, these are installed by sliding the coupling hook though the bufferbeam and then pinning the spring in place using a split pin (which is supplied with the couplings).

Your Model is now complete.



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.