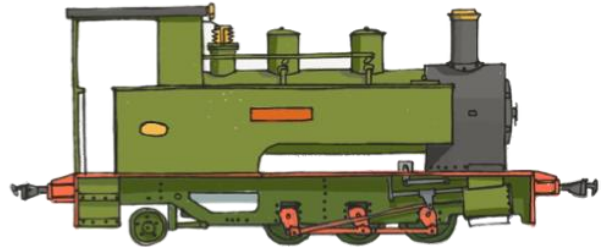


Bowaters

MODELS

specialising in distinctive 16mm models



Bowaters Models – BME-005 Instructions



Requires

- Glazing Material

Required Tools

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

Prototype Information

These engines were originally built for the Royal Naval Armament Depot (Ministry of Defence) and worked in the various depots around the country on the 2ft 6-inch gauge systems. When these were shut down, a number became available for further purchase of which a number were brought by various preserved railways. Examples can be found on the Sittingbourne and Kemsley Light Railway (our kit is based on their example), Ffestiniog Railway and the Lynton and Barnstaple Railway.

About the Kit

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

Chassis Fitting

This kit is designed for a PDF Motors Power Bogie which is included as part of your kit. This is assembled as per the instructions. Make sure the chassis works in the way you intend it before fitting to the chassis. Note, this kit is designed for either Manual control using switches (single speed) or using full Radio Control for which space has been left within the model.

Couplings

This kit is designed to make use of the Accucraft Chopper Couplings. These are glued onto the buffer beams using superglue. We strongly recommend using superglue to attach them. Height wise, these should be 25mm from the centre of the coupling plate to the railhead.

Instruction notes

With these instructions, there are images which show various stages of the construction of two coach kits. They are of the Prototype for BME-005 which isn't representative of the kit you have brought. They are for reference purposes only.

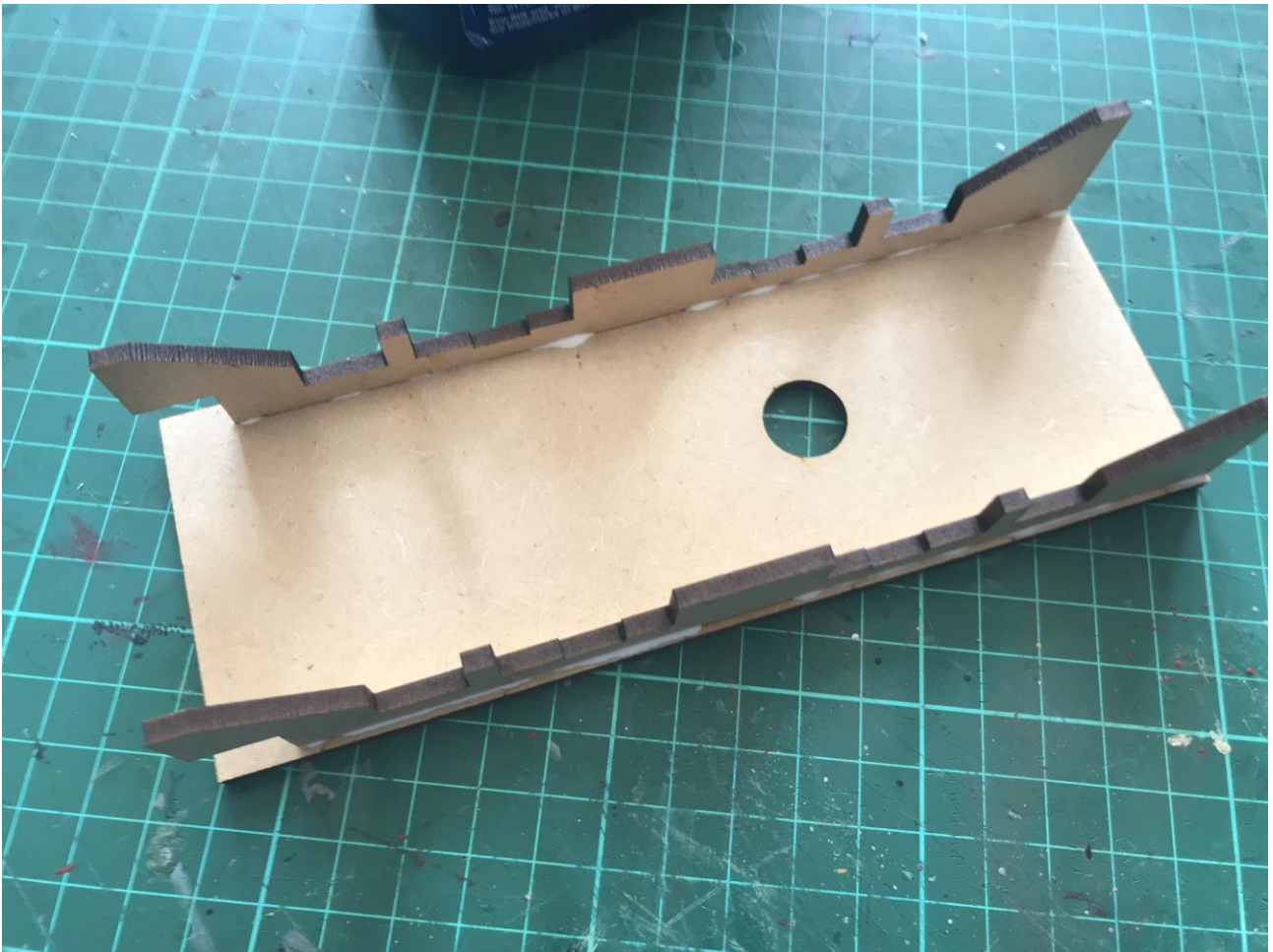
Painting

Over their service, these engines have carried several liveries from bright yellow, to all over green and others. It is recommended you choose your prototype and paint it appropriately. As this kit is modelled on Barton Hall at the SKLR, the recommended colour schemes are:-

- All over Yellow
- Brunswick Green with red buffer beams
- Black with red buffer beams

Please Turn over

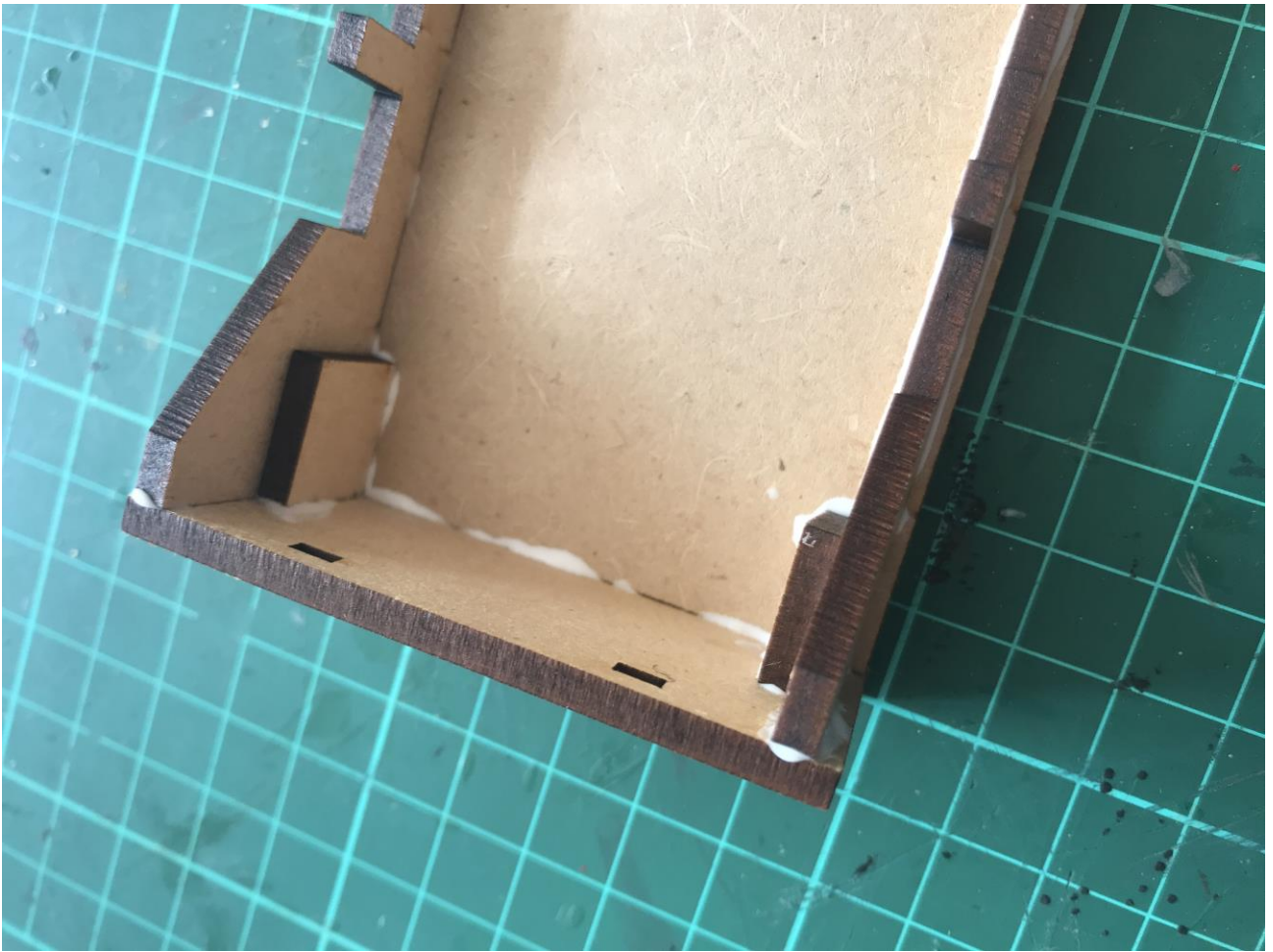
Please read though these instructions before beginning to assemble your
kit



Start by gluing the side frames onto the body of the model. The cut outs are at the end furthest from the hole in the floor.



Now, glue on the buffer beams. The cut outs in the bottom of the buffer beams go at the bottom.



Now glue in the rears of the cut outs. These fill the holes in the frames.



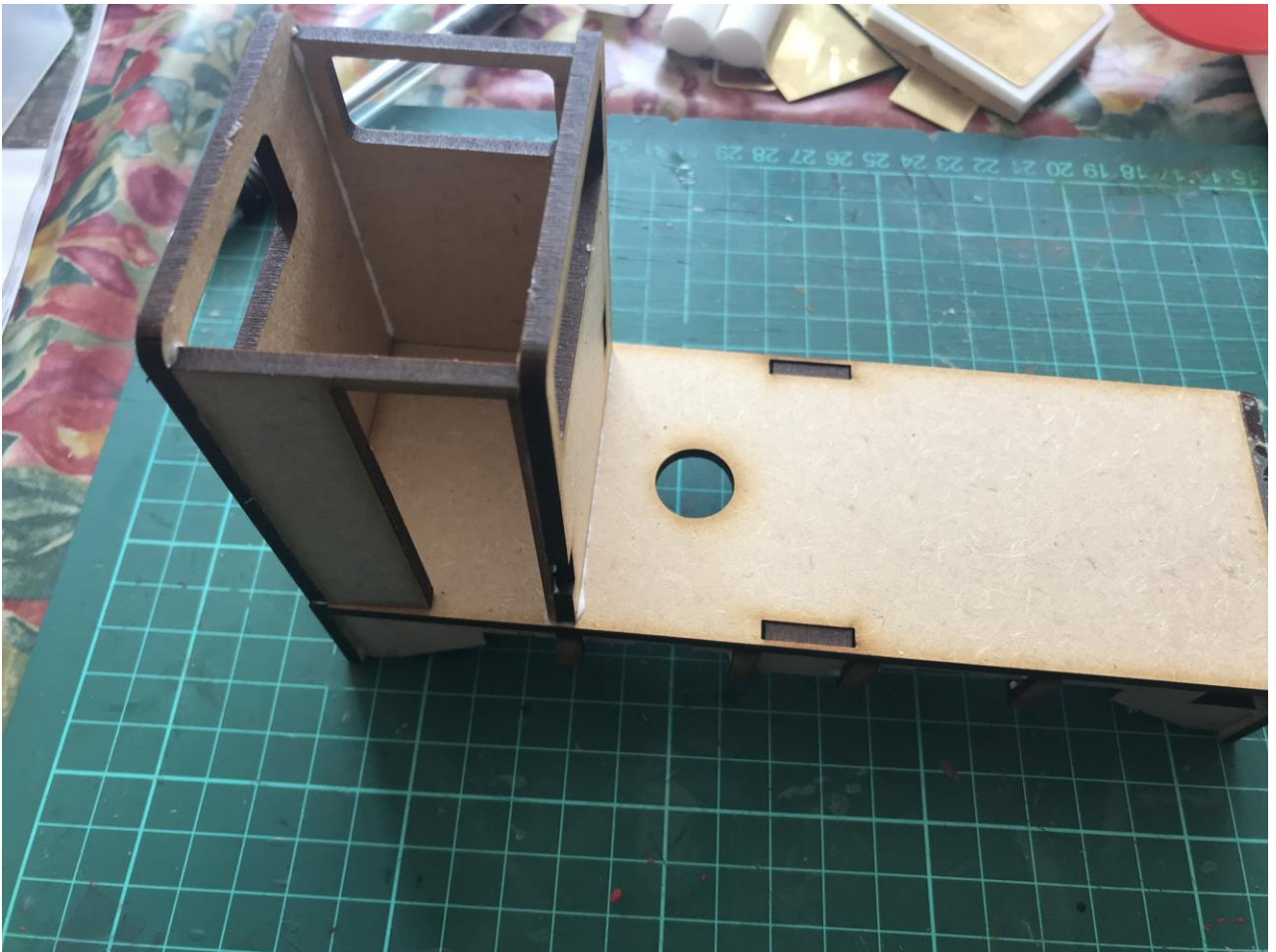
Now glue on the axle box mounts. These sit on the frames and provide the outside view. Note, there are also springs on the frames which have an additional axle box piece glued on top.



Now its time to start on the body work. Start on the cab first. Glue the two sides onto the cab. The door goes furthest from the light mount.



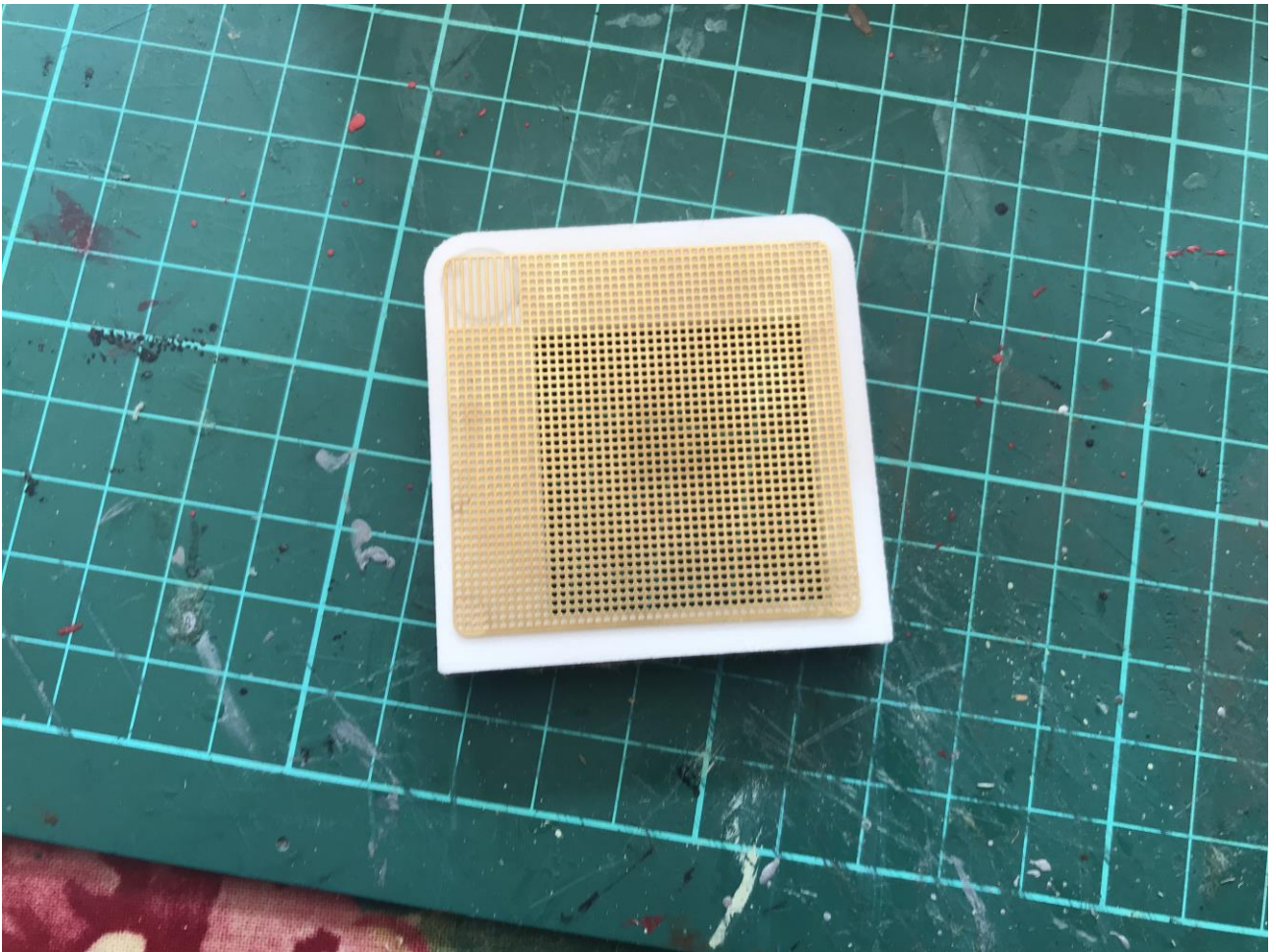
Now glue on the cab front.



The next stage is to glue the cab onto the chassis.



Now its time for the bonnet sides. These slot into the cab front.



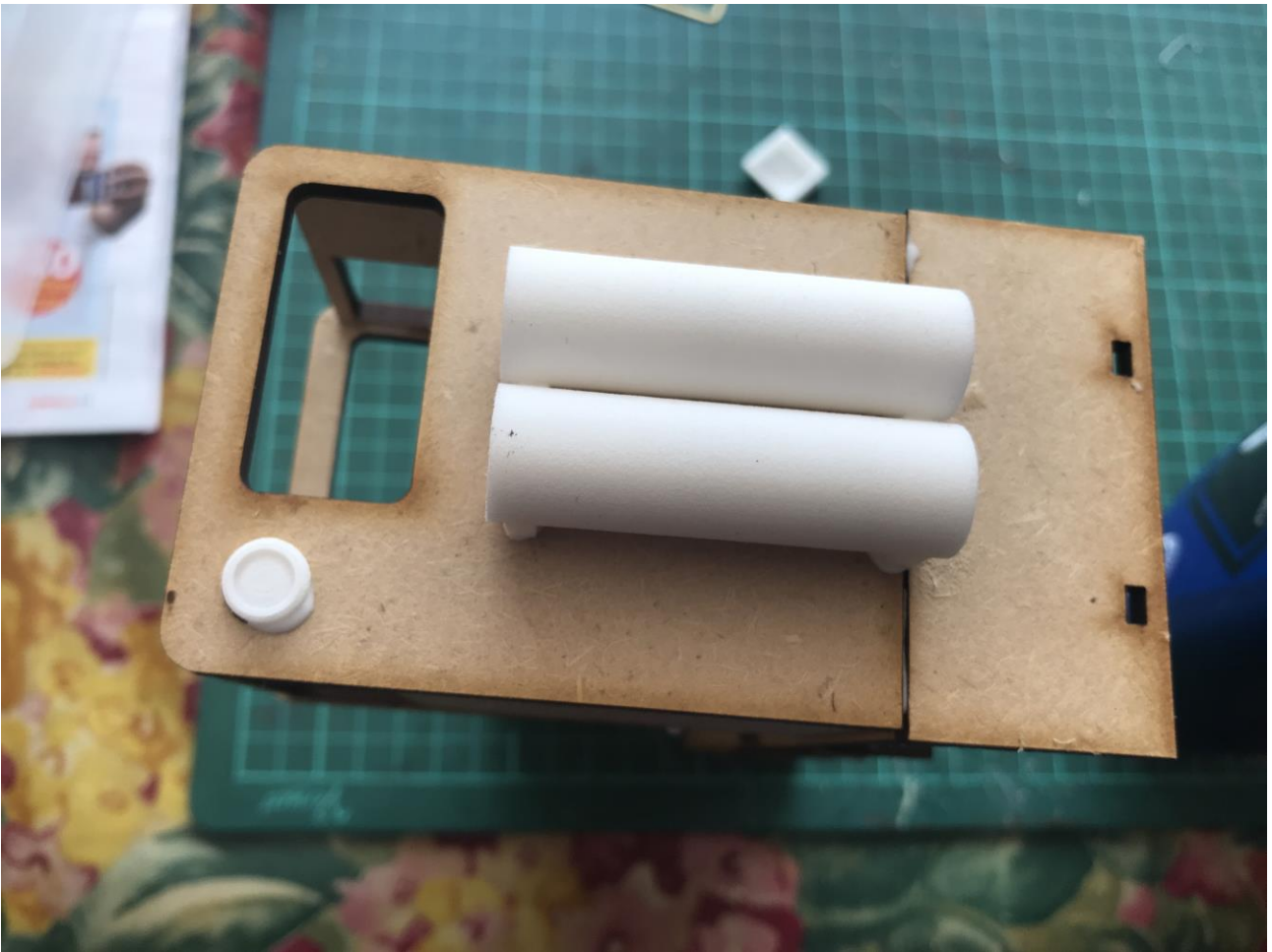
Now its time to start on the radiator. The etched grill is glued onto the 3D printed radiator section.



Now glue on the radiator to help align the body together.



Now glue on the bonnet panels. There are two on each side.



Next its time for the rear light and the air tanks. Some engines don't have the tanks so this is technically an optional extra.



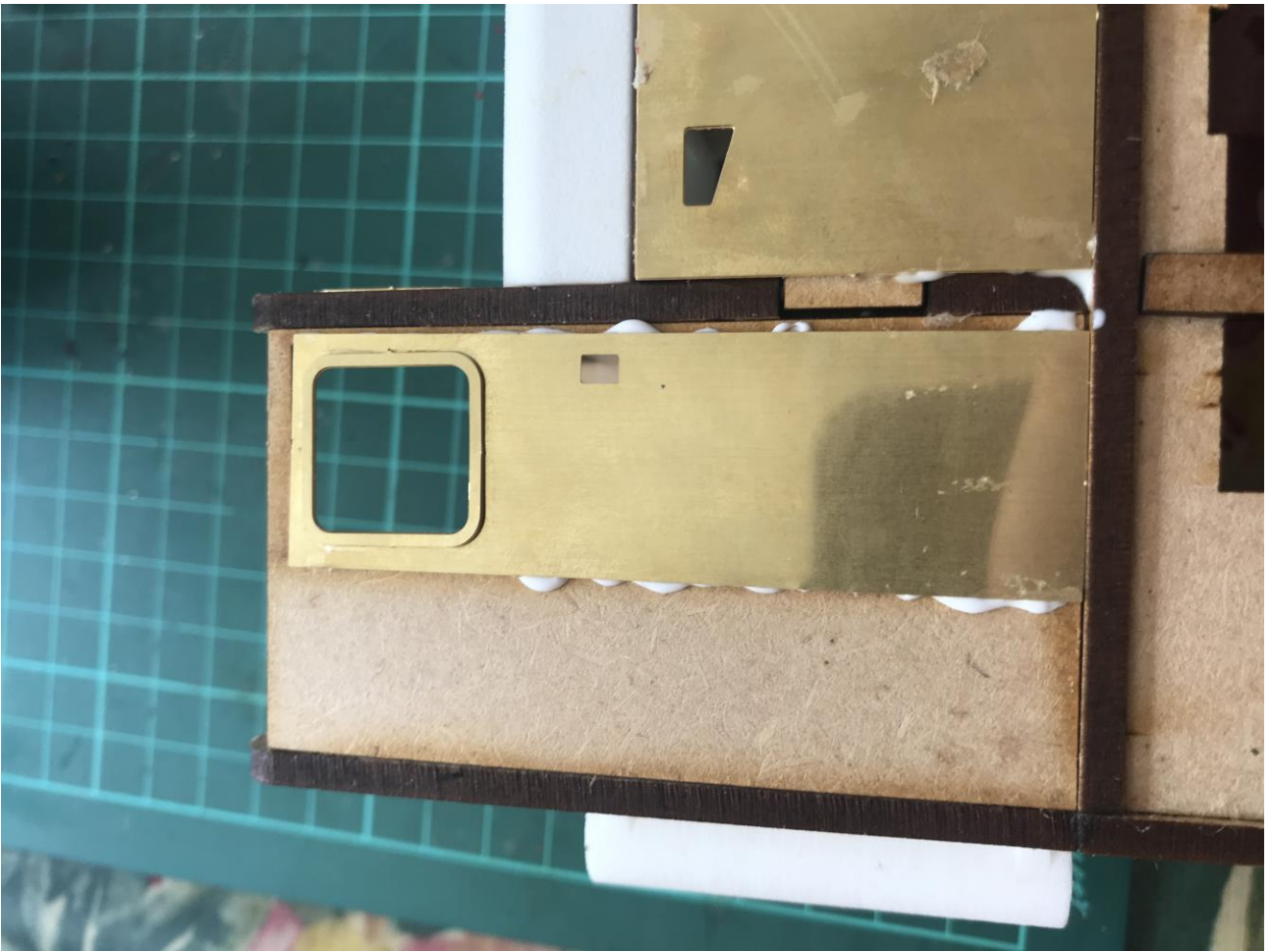
Now its time to start on the window frames. These are glued around the outside of each window.



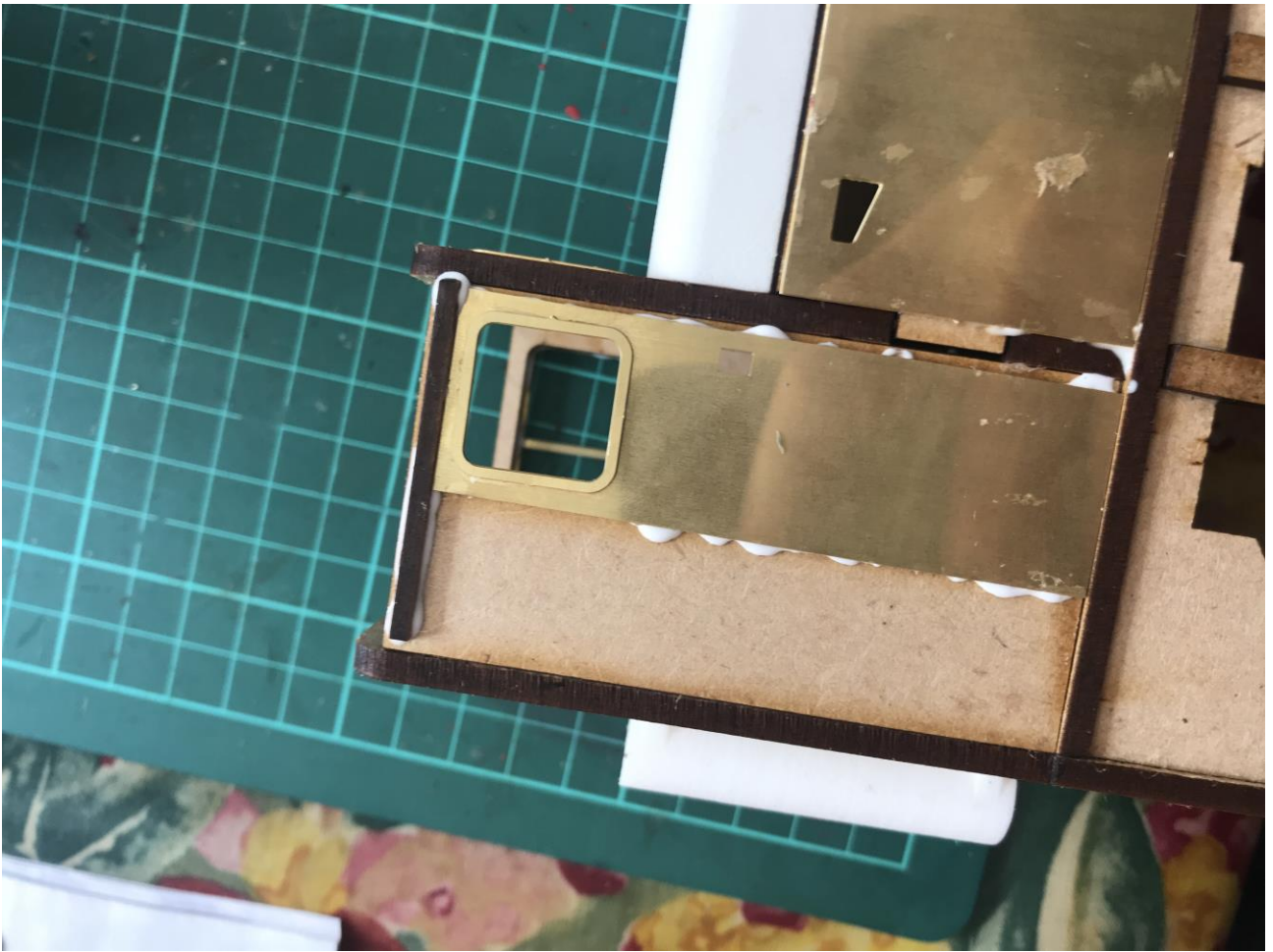
Slowly work your way around the engine gluing the frames into their places.



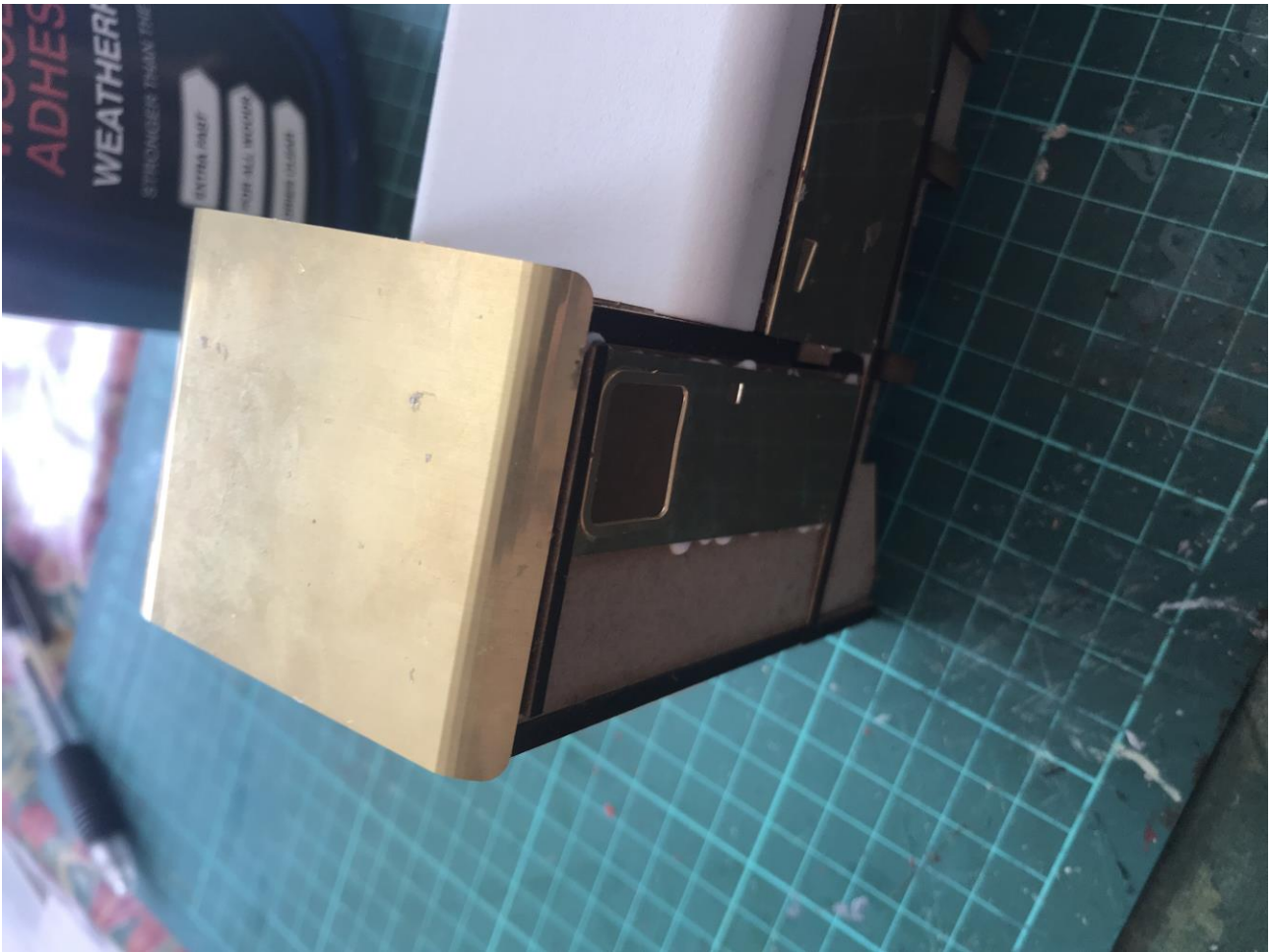
Although you can do this once the model is painted, you can attach the Hunslet plate to the model on the radiator.



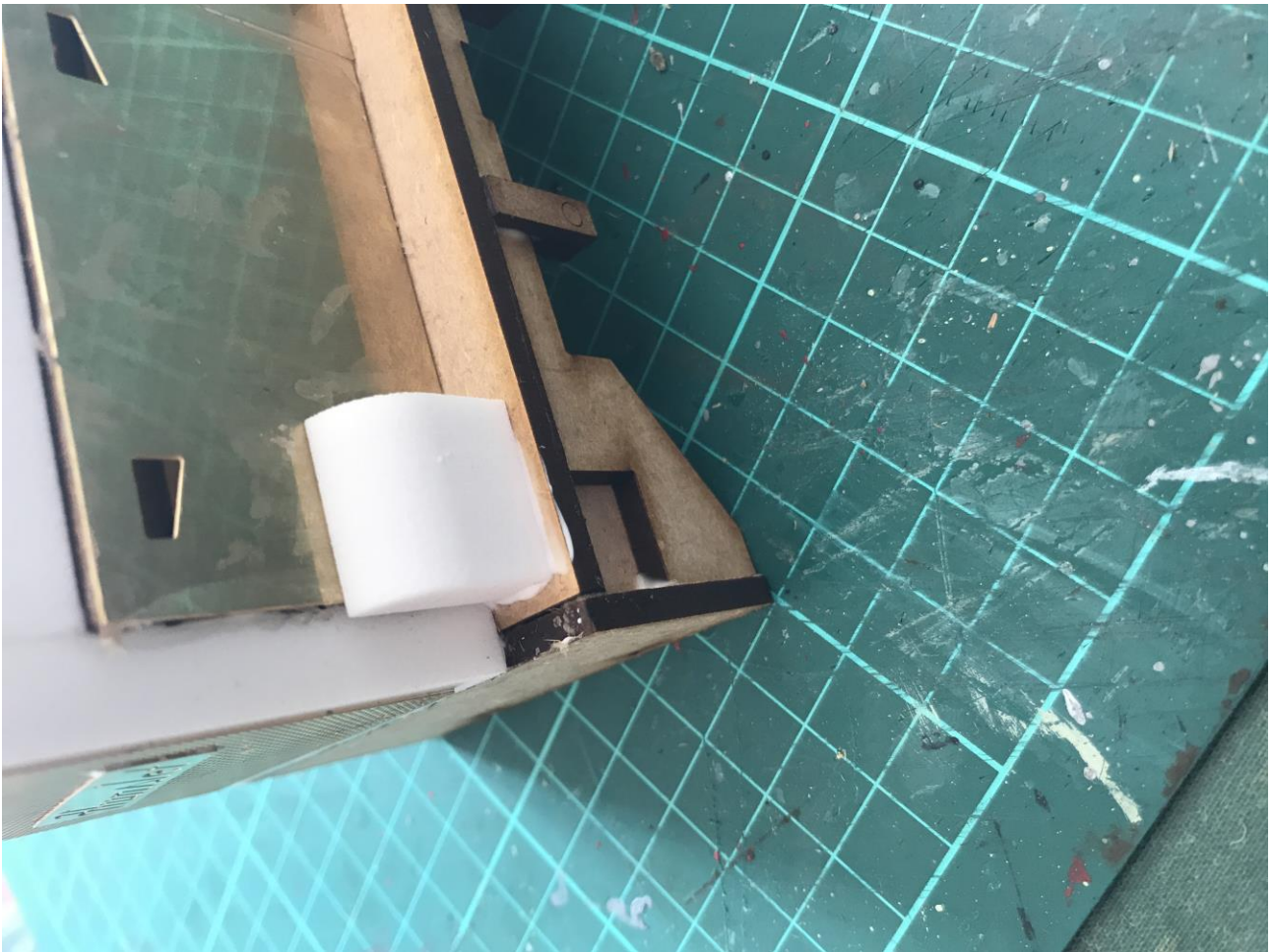
Now its time to add the door. This can be put either other the door as seen or to the side.



Once you have placed the door, the door runner can then be attached to the model.



Now its time for the roof. We recommend gluing the central flat area onto the model first and then folding the edges down over the edges of the cab to get the correct profile.



Now you can add the flywheel cover. This can be mounted on either side as per the different prototypes. We recommend you attach the couplings and chassis now.



Final step, you can now place the bonnet lid onto the model. You can also use this during assembly to help with assembly of the various sections.

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.