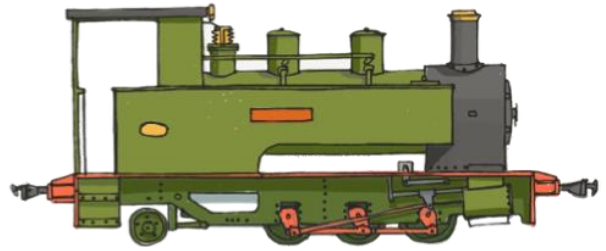


Bowaters

MODELS

specialising in distinctive 16mm models



Bowaters Models – BMZ Series Instructions

Freelance 4 Wheeled Coaches



Requires

- Accucraft Chopper Couplings
- Binnie 24mm Wheels and 50/63mm Axles

Required Tools

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

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 4w chassis. These are assembled as per the enclosed instructions.

Couplings

This kit is designed to make use of Accucraft Chopper Couplings which are to be mounted in the centre of the bufferbeam.

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 BMGZ-008 which isn't representative of the kit you have brought. They are for reference purposes only.

3D Print Notes

The 3D prints in your kit are formed using Fused Deposition Modeling (FDM) printing. This means the parts are formed in multiple layers. This means your parts will need some work to get a smooth finish. This is easy to achieve by using a good filler primer (such as the one Halfords in the UK sell) with a sanding between each coat to fill the gaps. It will take at least 4 passes to get a smooth results but it is a very relaxing process we've found! Easily the entire 3D printed parts can be done in a day allowing for the primer to dry and a light grade of sandpaper being used.

Painting

As these are freelance models, you can paint them however you wish!

Please Turn over

Please read though these instructions before beginning to assemble your
kit



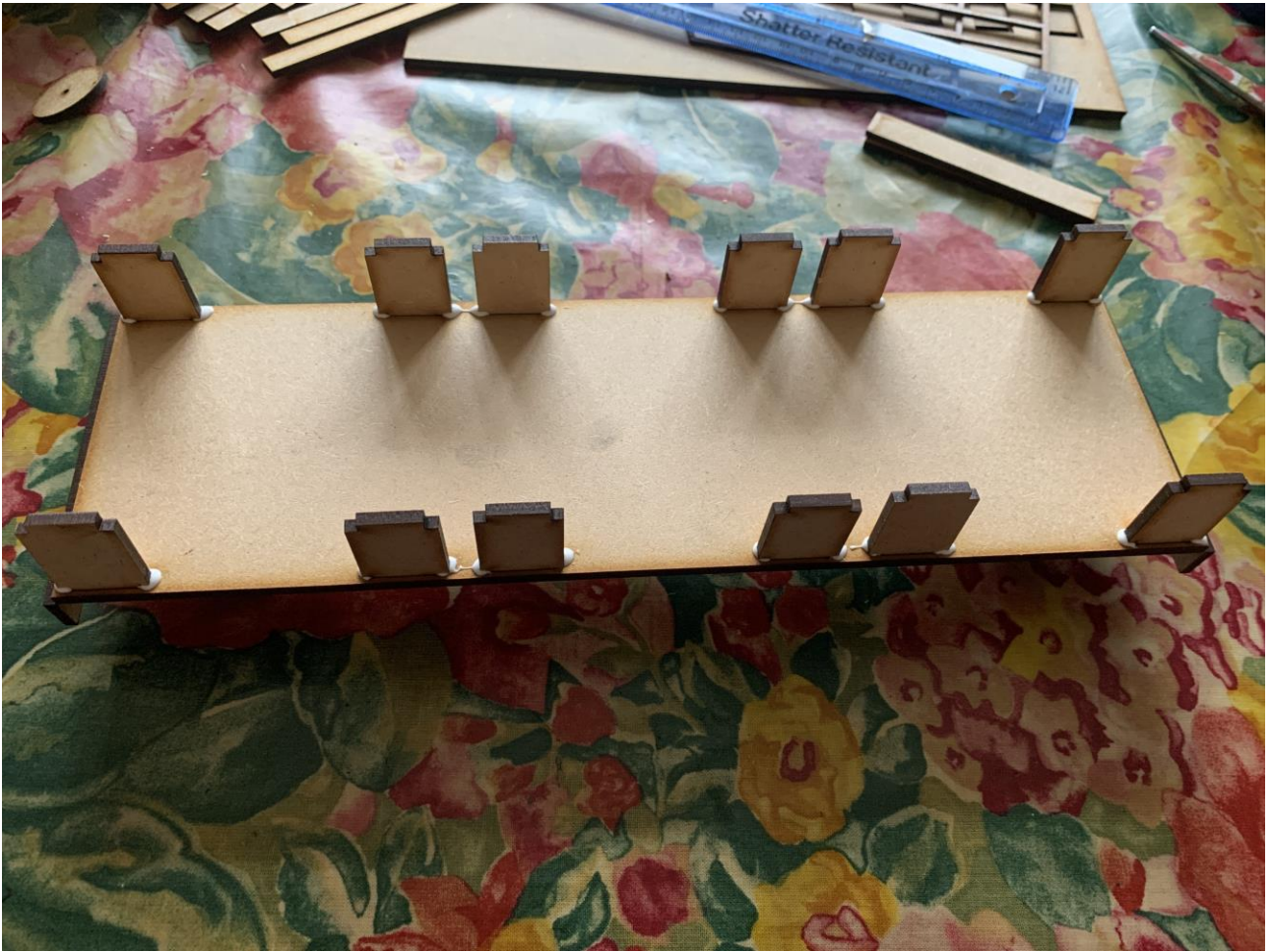
First assemble the wheelsets using the enclosed back-to-back gauge. Then, glue the solebars on the chassis plate with the wheelsets enclosed checking the wheels roll freely in the bearings.



Next, Glue on the bufferbeams. These sit below the floor plate so the top of the bufferbeam is flush with the bottom of the floor.



Next, glue into place the springs and axle box covers.



To start work on the interior, start by gluing the seat bases into their slots on the floor.



Next, glue into place the seat tops. Once dry, you can start assembling the body. Glue the two inner layers of material against the seat supports. This piece sits the length of the floor plate.



Next, glue into place the ends and centre partitions.



Now, glue into place the outer side pieces.....



..... followed by the side beading. This will overlap the ends so do not panic (see next image)



Now glue into place the end beading.



Next, glue on the footsteps.



To finish the body, glue on the roof beams which run the length of the coach.



To finish the model, glue on the couplings.

Your Model(s) 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.