

# Houstoun Gate Locomotive Works Koppel Sitzwagen

**It is suggested that you read these instructions through before commencing construction.**

A minimum of tools are needed to assemble this kit. Sandpaper and sanding block plus some clamps, strong rubber bands or weights to hold parts in place while the glue dries. This kit requires glue and paint to complete. It can be built entirely with PVA (exterior type) or aliphatic resin. We recommend Titebond III. Excess glue can be wiped away with a damp rag. MDF is not moisture proof and the model should therefore be painted or varnished before use. First apply a sealer/primer. MDF sealer, we recommend Rustins quick drying MDF sealer or automotive spray primer to do the job. The cut edges may need more than one application of primer to seal them. Automotive spray paint in cans works well and gives a good finish. If brush painting use acrylic or enamel paint

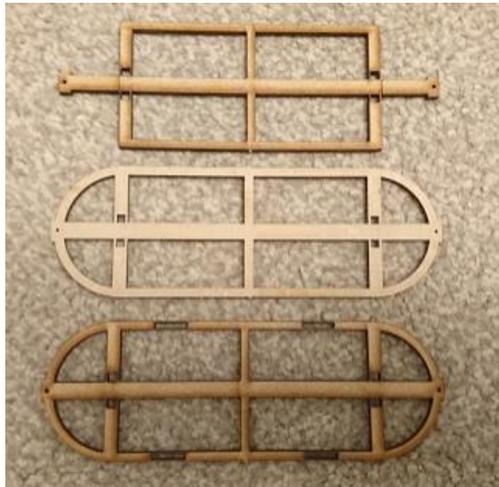
## **Kit Contents**



Start by carefully separating the parts from their sheets. Wiggling them lightly is normally enough to break the retaining tab. Sand or file the retaining tabs away on all parts before beginning assembly.



Bend the coupling pins to shape,



**Top Layer**

**Middle Layer**

**Base Layer**

Glue the three layers of the chassis together using the brass coupling pins to assure correct alignment.



Identify the difference between the upright frames. The two end frames have a rectangular hole for the backrest and two locating lugs at the bottom. The centre frame has no locating lugs and a slot for the backrest.

**Top Tip - It is suggested that the next 7 steps are carried out in quick succession to allow full alignment before the glue dries**



Glue the backrest into one of the end frames. Make sure that the centre notch in the backrest is placed to the top



Slide the centre frame onto the backrest, but don't yet apply glue.



Glue the second end frame in place. Then apply glue to the centre frame.



Glue the two halves of each seat into place on the framework, slotting them in from an end



Attach the footrests to the framework



Attach the top spreader bar



Glue on the planks of the parasol roof with the coach bolt detail uppermost. There are 16 planks for the roof, (plus a couple of spares because these delicate parts are easily damaged until glued in place on the Sitzwagen)



Assemble the wheel sets to suite your gauge. The wheels are friction fit. No gluing required.



Slide the axle boxes onto the ends of the axle and glue the axle boxes into the wagon frame. Ensure no glue comes into contact with the axle ends or wheels



Well done - Your Sitzwagen is now complete!

We hope you enjoy your kit, but if you have any problem with construction email our technical help line at [techhelp@hglw.co.uk](mailto:techhelp@hglw.co.uk)