02-224 Industrial Loco Shed

INTRODUCTION

Thank you for purchasing one of our products. We hope this information sheet will prove useful in the construction of this model. We have endeavoured to design this kit so assembly will be straightforward and logical to construct. Trial fit of parts is always recommended before fixing. In some cases, the individual parts will benefit from painting.

It is not our intention to give a blow by blow written account of how the shed is constructed but a diagrammatic list of parts with photographs of the model to assist in what goes where together with hints & tips along the way.

The model is designed to sit on the baseboard (base sleeper level) and ballast or other infill made up to top of rail height.

Orientation

For the sake of these instructions, we will describe the faces of the model looking from the panel with the door opening

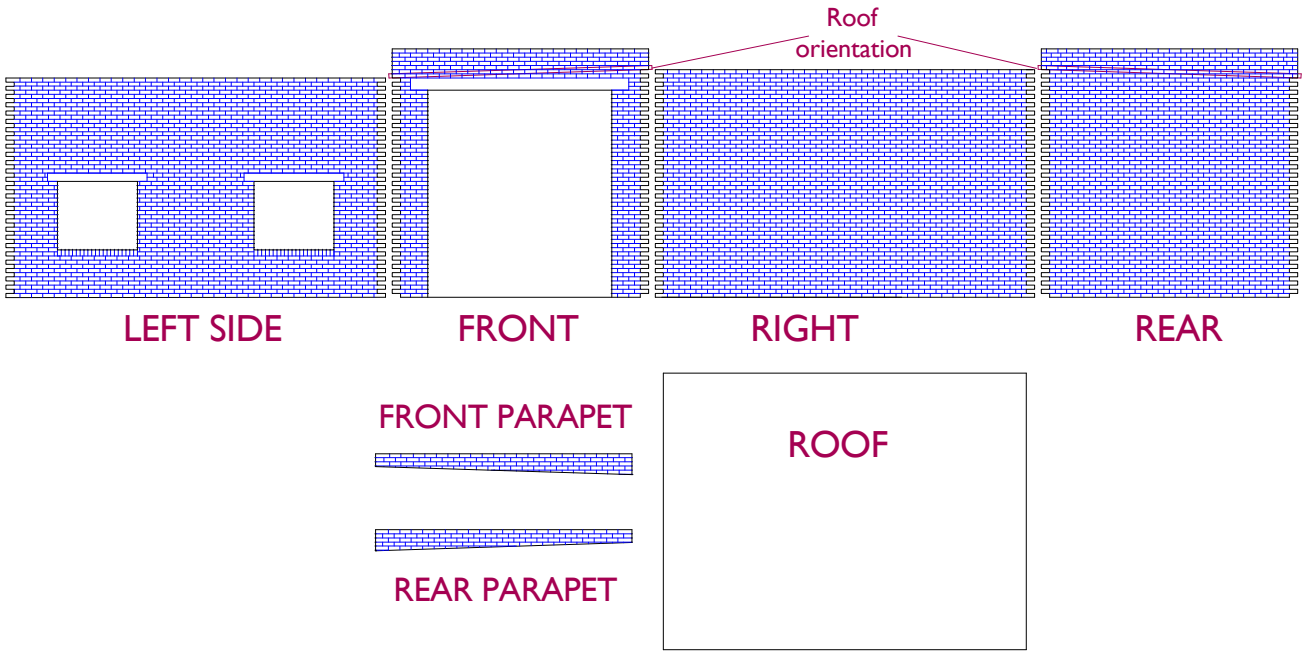
Front – end panel with opening for doors

Left – side with windows

Rear – plain end panel

Right – plain side panel

Please note! The left side is lower than the right so the roof has a slope to it



CONSTRUCTION

Carcase

This forms the core of the model.

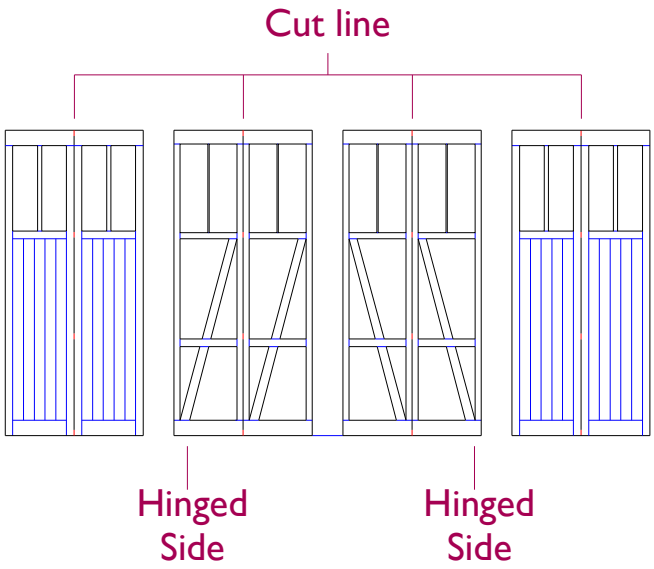
Made from MDF

Ensure all parts are the correct way round. All courses interlock to give straight mortar courses.

This kit has been produced with the MDF etched on both the inside and outside so it is not easy to ascertain the orientation of each panel.

The corner mortar joints are not a snug fit. To fill these joints, we use Polycell Advanced Pollyfilla which is a lightweight filler and dries reasonably quickly.

Doors



Made from 0.8mm ply (4mm/ft scale) or 1.5ply (7mm/ft scale). Each double door can be cut from its neighbour by running a sharp scalpel blade between each door to cut the tab (shown in red)

The door fronts are identical but the backs are handed. The doors should be hung with the bottom of the diagonal at the bottom of the hinged edge.

Glue the door frames to the rear of the door panel with the etched parts of the back visible. Use quality wood glue and set aside.

Tip. The plywood can be stained instead of painted depending on the finish required.

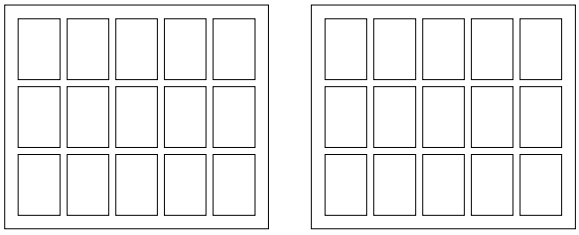
Roof

The roof is a single MDF cut part which will overhang equally from each side (see main picture).

The roof can be covered to give a textured effect or dab painted to give the same effect.

Glue the roof on to the top of the walls and parapet backs on top of the roof to give that extra thickness of the parapet brickwork. Note all mortar joints should be horizontal.

Windows



The windows are cut individually and should be centred in the openings. These need to be a snug fit so have been intentionally cut oversize. Gently sand down until they are a reasonably tight fit and glue in place.

Glazing

Glazing is acetone sheet. The glazing will need to be hand cut and is best cut for the windows before final fixing of the window frames.

Tip. DO NOT USE SUPERGLUE for this job as clouding may affect the finish.

ADDITIONAL INFORMATION

Modified acrylic plastics (Rowmark, Trolase)

We use this material for most models. We use a white, black, red or grey as standard for both models and detailing parts.

We recommend this material be glued using Slaters Mek-Pak or stronger solvent weld.

Before gluing or painting it is recommend to wash down plastics with warm slightly soapy water to remove any cleaner that may have been used to prepare tis for sale.

It is also essential to rub down the material with a fine sandpaper such as wet and dry or steel wool. This will give the glue or paint a key to adhere to. As this is a harder material than polystyrene, it may be beneficial to soften it by first painting on a layer of your chosen solvent weld and letting it stand for a few minutes.

Use a spray primer (such as Halfords) for best results before final colour. Use of acrylic paints is preferable.

MDF (Medite)

A laserable MDF material used for the carcase of larger models, nameplates etc.

This material is best glued with a quality wood glue.

Plywood

We use this material for smaller wooden parts such as platform supports and steps and doors.

This material is best glued with a quality wood glue such as Titebond.

Acetate sheet

We use this material for glazing. This material is best cut by hand so final trimming will be required to fit.

Can be glued with EMA Plastic Weld, Slaters Mek-Pak, and Limonene.

Please note polystyrene cement will not stick modified acrylics.

Superglue is to be avoided as it will leave a residue on the plastics.

Gluing dissimilar materials

Acrylic plastics can be glued to MDF or ply by using either No More Nails (recommended) or Butanone,

HEALTH and SAFETY

Our products are laser cut wood and plastic model kits and as such are not toys. They are not suitable for children.

We have tried to design our products to be as easy to assemble as possible. However, our products will require the use of sharp cutting implements such as knives and saws etc, sanding equipment, glues and paints to complete.

Always wear suitable personal protection equipment (PPE) and avoid breathing in dust particles and fumes from any material, glues or paints whilst sanding, cutting, gluing or painting any of our products.

Always follow any health and safety advice given on product labels or available via product websites. Please enquire if you are not certain with regards using any of our materials or products.

Every care and precaution should be taken when assembling our products.

We will take no responsibility or liability for any injury or costs incurred howsoever caused whilst using our products.