

## Pre-Grouping Railways

### Instructions for 7mm Talylyn Railway Wagon kits.

#### Introduction.

These kits have been manufactured to make it relatively simple to construct. They are mixed media i.e. some parts a brass and others are made from nylon powder fused together with a laser. These kits can be built to fit a range of track gauges from 14mm to 16.5mm. The wheels can be re-gauged by reducing the back to back measurement. The wheels supplied are set to 16.5mm. Scale couplings have also been supplied with these kits. Automatic couplings can be fitted and these kits would have to be modified to suit. Extra weight can be added to these wagon under the floors or inside just remember not to foul the wheels.

#### History of these wagons

All of these wagon types were built and ready for the opening of the railway in 1865 most of these wagon were still in use when the railway became a preservation line in 1960. Examples of most of these wagons can still be seen in use on the railway or gently decaying in the sidings at Tywyn Wharf Station.

#### Section 1 For All Wagons

- a) Take the printed wagon body/chassis and open up the holes for the axles with a 2mm drill
- b) If you are building in an Iron bodied wagon go to section 2
- c) If you are building in a Gunpowder van go to section 3
- d) If you are building in a slate wagon go to section 4
- e) If you are building a wooden open wagon go to section 5

#### Section 2 For the iron Bodied wagons.

- a) Fold up the body
- b) Attach the strapping to the inside and outside of the wagon body
- c) Now fix the body to the printed chassis with super glue
- d) Add the retaining plates the secure the body to the chassis

- e) Now go to section 5

### **Section 3 For the Gunpowder Van**

- a) Fold up and attach the Roof
- b) Attach the hinges
- c) Now go to section 5

### **Section 4 For the Slate Wagons**

- a) Attach the etched base plate to the chassis
- b) Now add the top. This should lock into the holes in the base plate.
- c) Additionally for the 2 bar slate add the corner reinforcing plates.
- d) now go to section 5

### **Section 5 assembling the couplings**

- a) Remove the hooks from the etch
- b) thread the hooks over the link
- c) take the etched strip and rap this round the link
- d) feed the assembly into the hole in the buffer beam
- e) secure with super glue

### **Section 6 For all wagons**

- a) Clip the wheels in to the axle boxes
- b) Painting
  - i. These wagons were painted grey and sometimes had raise iron work picked out in black
  - ii. For best results use an etched primer these are available from most car parts spares, DIY and craft stores.

## Check lists

### Wooden Wagons

1x Wagon body

1x coupling etch

2x wheel/axle assembly

2x iron links

### Gunpowder van

1x Body

1x roof etch

2x wheel/axle assembly

2x iron links

### Iron Bodied Wagons

1x chassis

1x top etch

2x wheel/axle assembly

2x iron links

### Slate Wagons

1x chassis

1x top

1x base plate etch

2x wheel/axle assembly

2x iron links