



20mm Domed Building

(OO Gauge / 4mm)

B20-CS-504

Please read these instructions fully before starting construction.

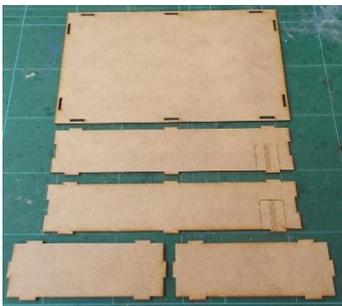
PVA or equivalent glue will be required to stick sections together.

Sand paper can be used to gently clean any joints.

A sharp modelling knife will be required to remove sections from the sprue. Please use knives with due care and remember to cut away from yourself at all times.

During the construction of this model, you may find it convenient to use pegs / elastic bands to hold pieces in place while you allow glue to dry.

Please note – we painted some of our model prior to construction, some during and some after construction – please see below for details.



Take the base and inner walls.



Glue them together as shown above to form an open topped box.



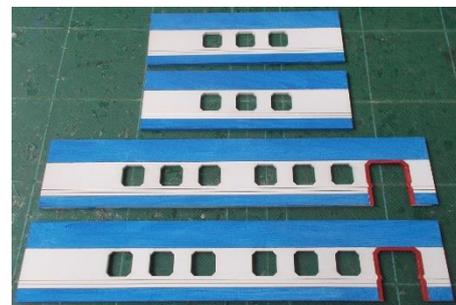
Take the pieces for the upper level.



Glue them together as shown above. Both of these assemblies were now painted (see below)



Add the "roof" piece.



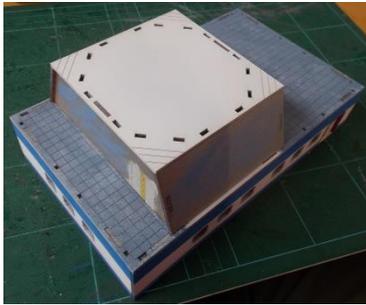
Take the outer walls.



Glue them into position.



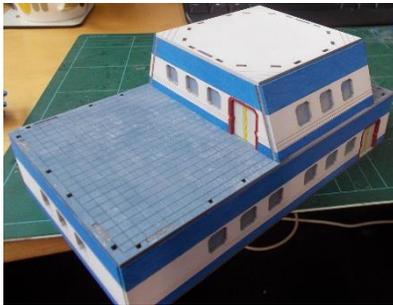
Glue the upper tier into place.



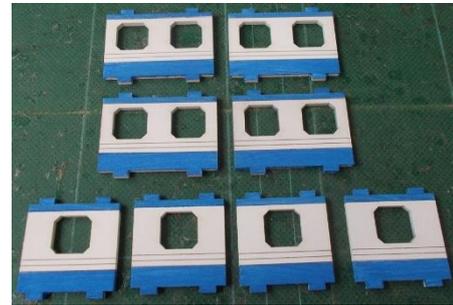
Add the "roof"



Take the external wall pieces.



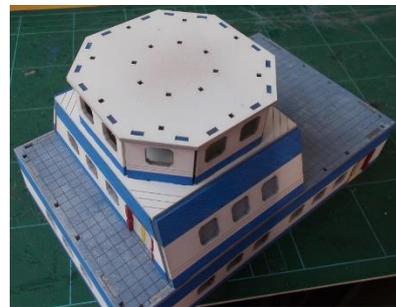
Glue them into position.



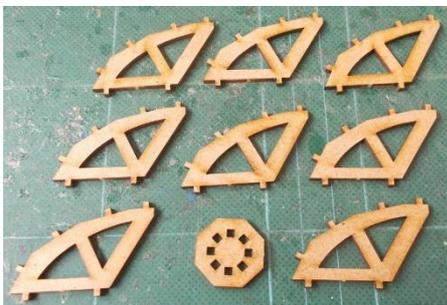
The observation level is made from these pieces.



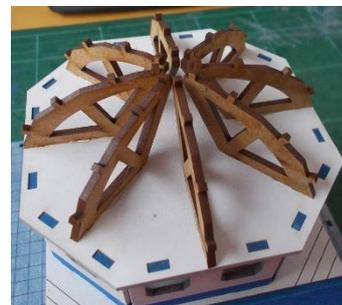
Glue the walls into place.



Then add the "roof"



Take the dome supports and central hub.



Glue the dome supports into position.



Then add the central hub.



There are two sets of dome pieces.



The wider set go onto the sides of the building, while the thinner set point towards the corners (see pic).



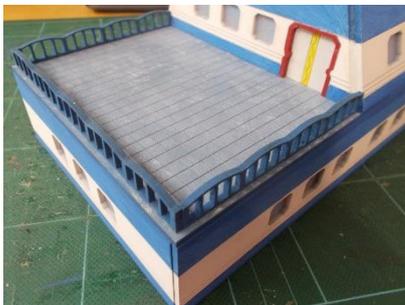
The completed dome.



The dome was painted and any other paintwork tidied up (e.g. wall edges).



The railings.



Glue them into place.



The completed building.

Painting

Prior to construction we sprayed the outer walls white with a car undercoat primer aerosol.

The blue strips on the walls and the railings were then painted with a dark blue emulsion using masking tape to keep the lines nice and straight.

The doorframes were painted red.

The lower "roof" was also sprayed white, then we applied a heavy drybrush of a dark blue/grey colour emulsion. After that had dried we applied a lighter drybrush of a pale grey colour, then followed this by a very light drybrush of an almost white emulsion.

All our emulsion paints are DIY store colour-test pots.

After the open topped box and upper tier had been assembled, they were sprayed silver, then dry brushed with a sky blue colour in the areas where the windows would show.

The doors were then painted white and given a yellow central strip.

The domed roof was painted after construction.

