LCC Modelling System

B 70-25R Small L&CR/LMS signal box - right stairs

All drawings are not in scale. Some proportions on drawings may differ from reality.

For additional elements for modification and extension please visit our website at www.lcut.co.uk or email us at contact@lcut.co.uk

Width: 100mm (Body only) Depth: 92mm (Body only) Height: 130mm (Without chimney)

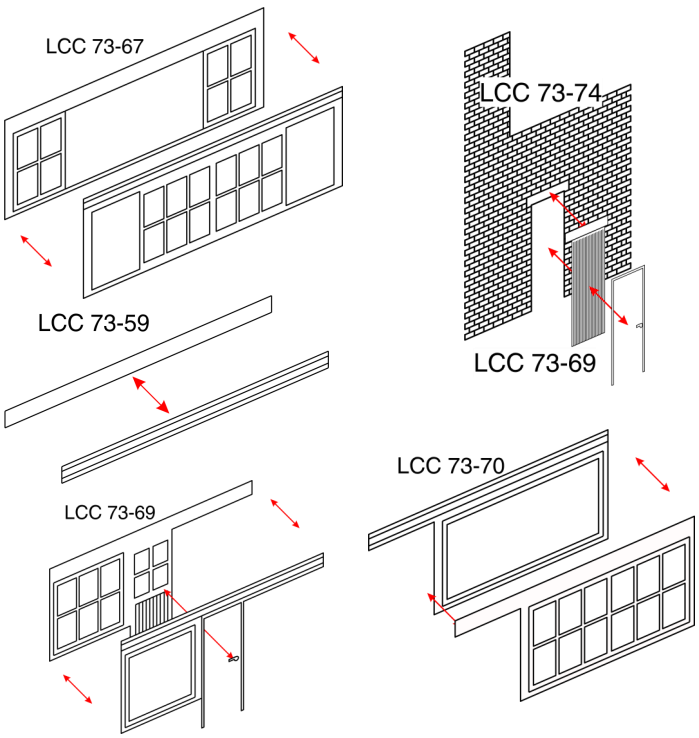
Bundle contains:

- x2 LCC 70-09
- x1 LCC 73-00
- x1 LCC 73-05
- x1 LCC 73-07a
- x2 LCC 73-07b
- x2 LCC 73-17c
- x1 LCC 73-19
- x1 LCC 73-54A
- x1 LCC 73-59
- x1 LCC 73-67
- 1x LCC 73-69
- 1x LCC 73-70
- 1x LCC 73-73
- 1x LCC 73-74
- 1x LCC 73-76
- 2x LCC 73-77
- 1x LCC 73-78
- 1x LCC 73-71F

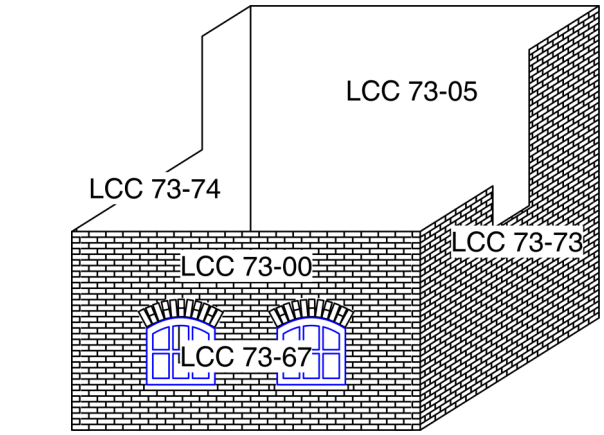
! We recommend PVA or any other paper/wood glue for the main fibre board parts and resin based glue for 3D printed parts if present.

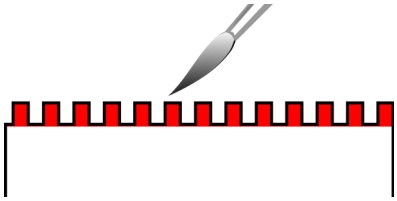
Painting recommendation:
We recommend using acrylic or enamel paints. There is no need to undercoat the surface but it can be done if desired. The material used is porous and relatively forgiving, heavy coats are unlikely to flood the brickwork. If you experience any warping in the material leave it to fully dry and then gently bend it back into shape. Always test any paints in an area that will not be seen or on spare parts/off cuts.

WINDOWS AND DOORS LAMINATES

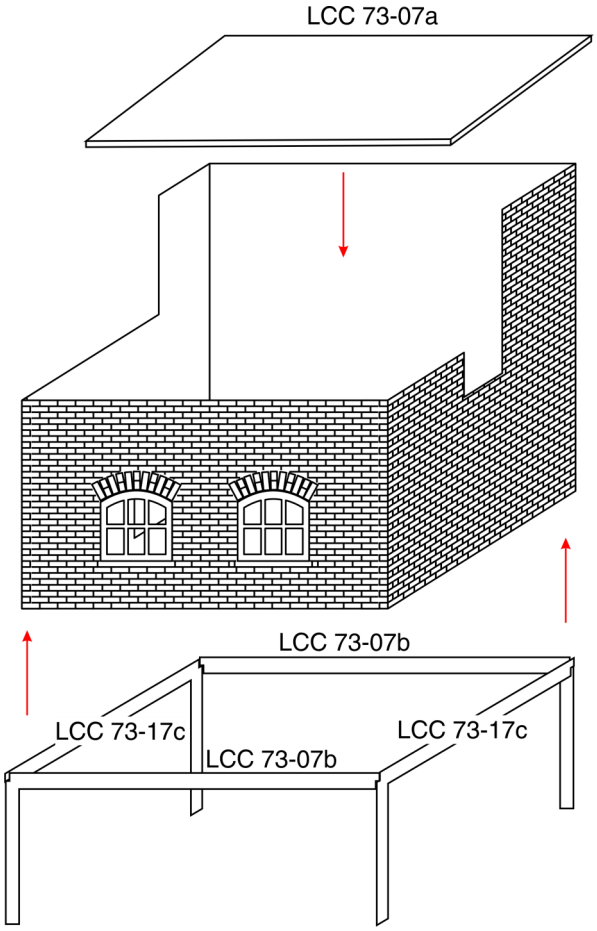


It is recommended to start the assembly with laminating windows and doors panels. Cut parts from their respective spruces. Spread glue thinly on the back of the frontal part. Align and press both parts together. If more watery glue is used the parts will try to warp significantly. It is recommended to press the laminated parts in between two heavy and flat surfaces (like heavy hardback books, care should be taken not to allow the laminated parts stick to the books by removing the squezeout [excess glue] and or lining the press with non stick material). When glue has dried the parts will stay flat. Ensure the parts are lined up correctly!

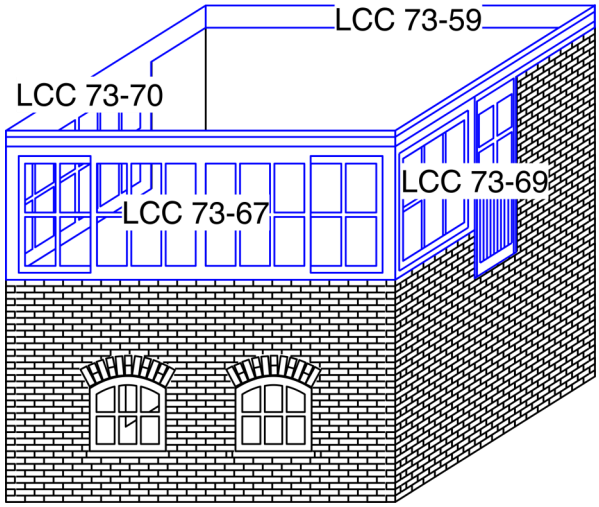




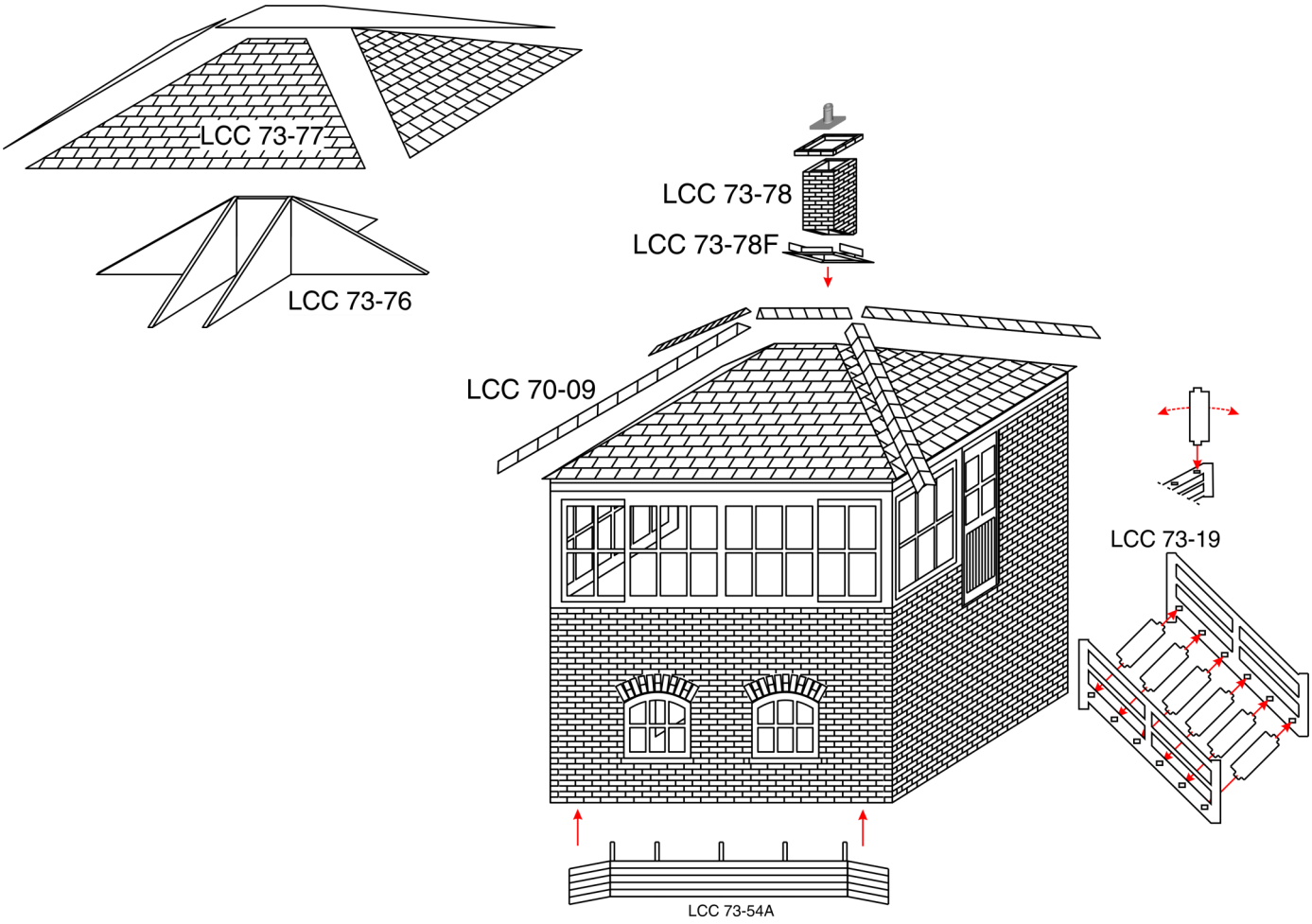
While the laminates are drying glue the walls together. It is recommended to glue in the remaining parts from LCC 73-67 and LCC 73-69 before gluing walls but it can be done afterwards. Glue the front lower windows flush with the back of LCC 73-00 and the right side lower door flush with the back of LCC 73-74 (door shown on previous page). Recommended way of gluing walls is to apply glue to the back of the interlocking bricks. Additional glue can be applied to the spaces between the interlocking bricks but that will increase the squeezeout. Care should be taken not to put too much glue or let it harden fully before fitting the supports and the floor.



Next step in assembly is to complete the internal structure of the signal box. Ideally it should be done while the glue from previous step is not dry yet. Glue LCC 73-17c and LCC 73-07b inside the walls of the signal box. This will create internal lattice for the floor to sit on. Now leave the model to dry enough that the walls do not come apart when floor is installed. Floor is designed to be very tightly fitting. In rare instance the floor will seem too big. In such case it is possible to gently force it into position which should be on top of the lattice. There is a small chance that the floor pushes the walls apart. If this appear to happen take the floor out and trim slightly. It is also possible to clamp the model gently to ensure there is no gaps at the corners.



Next step in assembly is gluing the laminates to the signal box body. Start with LCC 73-69 and LCC 73-70. Follow with the two remaining elements. Ensure that the parts marked blue are glued in flush with the outside of the signal box.



Remove roof support parts LCC 73-76 from their spruce and glue together by slotting together as shown on picture above. Leave them until glue dries prior making sure they are all at right angles to each other. Take out LCC 73-77 roof panels from their spruce and start gluing them to the supports. Assemble on a flat surface ensuring the roof is square on edges and flat on the bottom.

Assemble LCC 73-78 ensuring there is no gaps on the corners. The decorative brick square should be glued one brick down from the top edge of the chimney. Prepare LCC 73-78F by bending the tabs inwards as shown on the picture. Slide the main chimney flashing element from underneath of the chimney and glue in place. Some slight reshaping with back of the knife may be required to ensure it fits correctly. Glue remaining flashing elements to the sides of the chimney. Glue the chimney assembly to the roof in chosen place. Trim the chimney pot base to make it fit and glue it into the opening on top of the chimney with resin based glue.

Assemble the staircase by gently wiggling the steps into the slots. Use a little bit of PVA glue as a lubricant to help the process. Care should be taken not to apply excessive force or the tabs will bend. Glue the staircase to the balcony to the signal box.

Lastly assemble LCC 73-54A by gently bending the plank sides downwards as shown on the picture. Glue the support pieces as shown on the picture. Glue the whole assembly to the signal box.