



LCC Modelling System

B 00-23SP Brick and steel bridge

**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

Total width: 115mm Road width: 91.5mm, Deck level: 79mm
Inner clearance: 70mm high and 97mm wide, Total length: 153mm

Bundle contains:

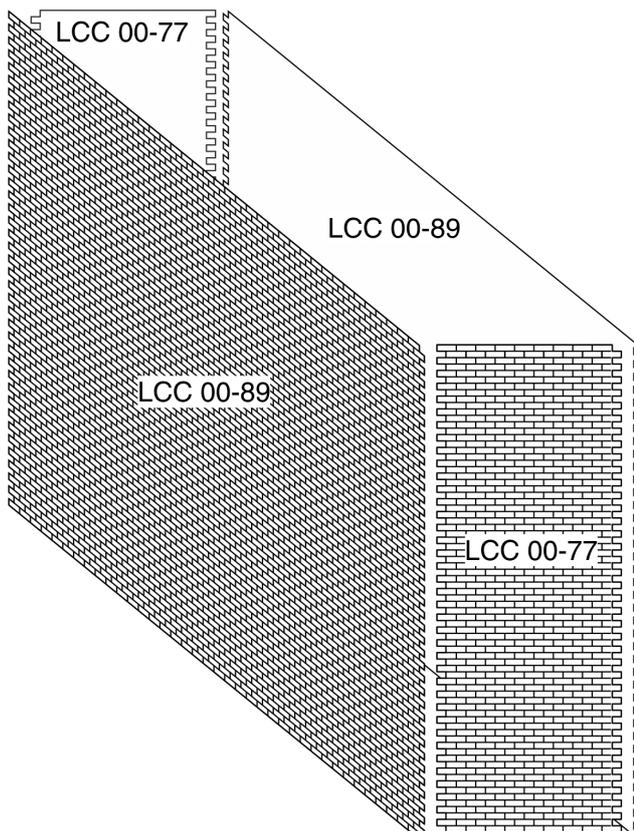
- 4x LCC 00-76
- 4x LCC 00-77
- 2x LCC 00-87
- 2x LCC 00-88P
- 4x LCC 00-89

! 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.

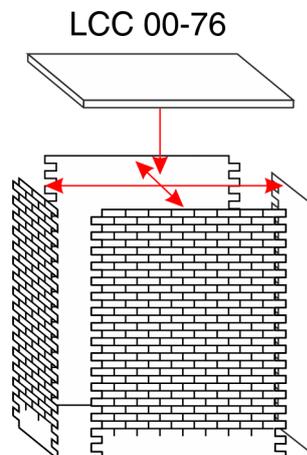
Painting recommendation:

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.

PIERS AND POSTS

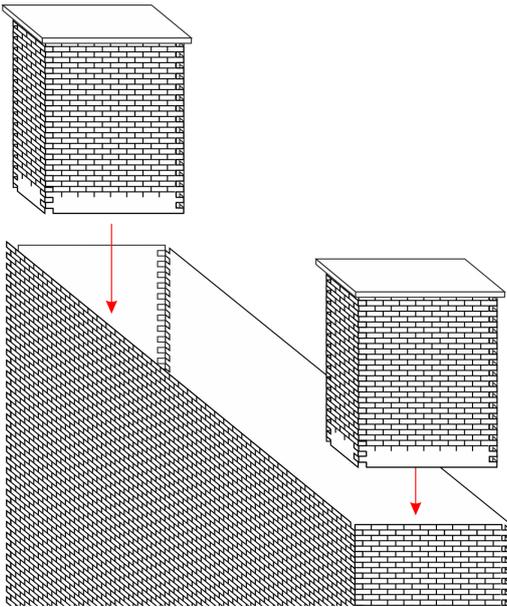


Apply glue in between the element interlocking bricks. Push parts at a right angle to each other. If desired use a square to help align the parts at the right angle.

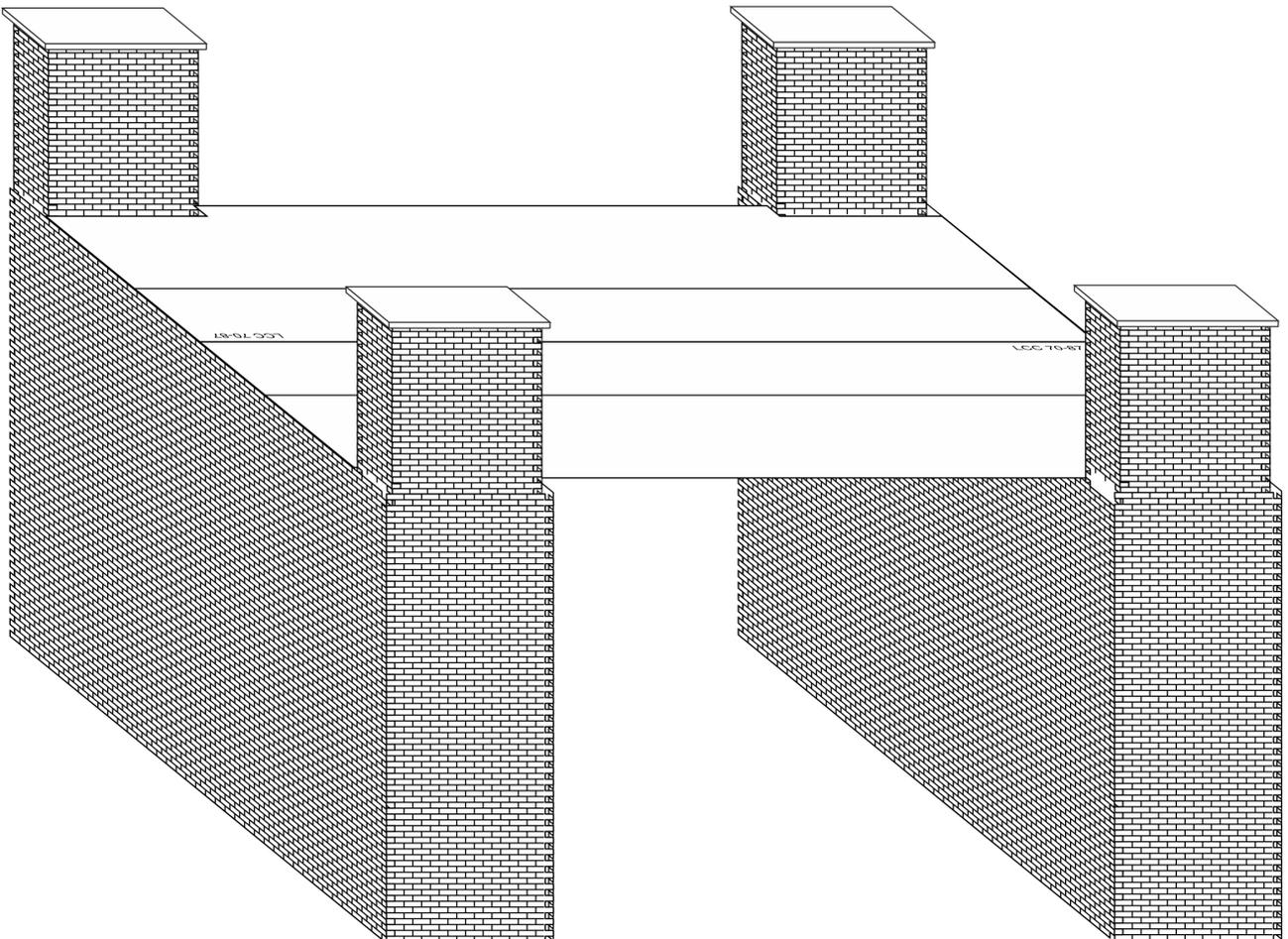


PIERS AND POSTS CONTINUED

Insert posts into the pier making sure that they are aligned well. Misalignment at this stage can cause the parapet to not register correctly to the pier.

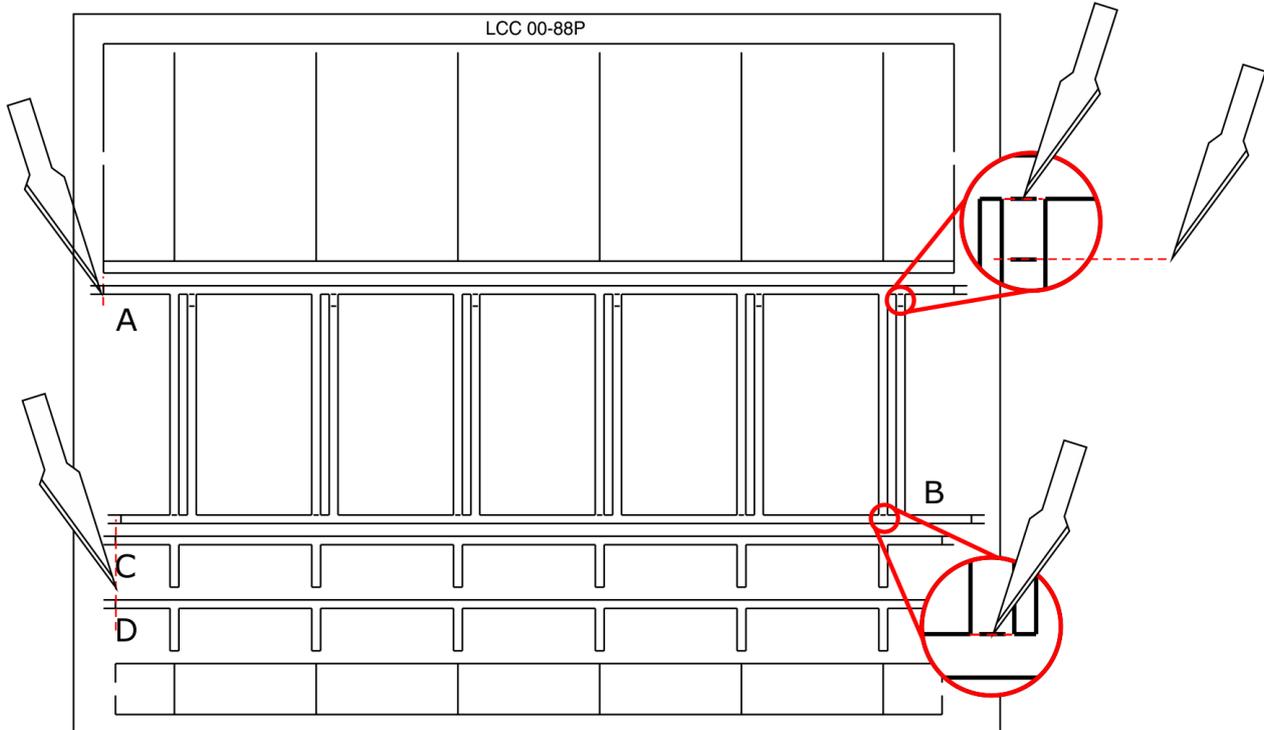


DECK



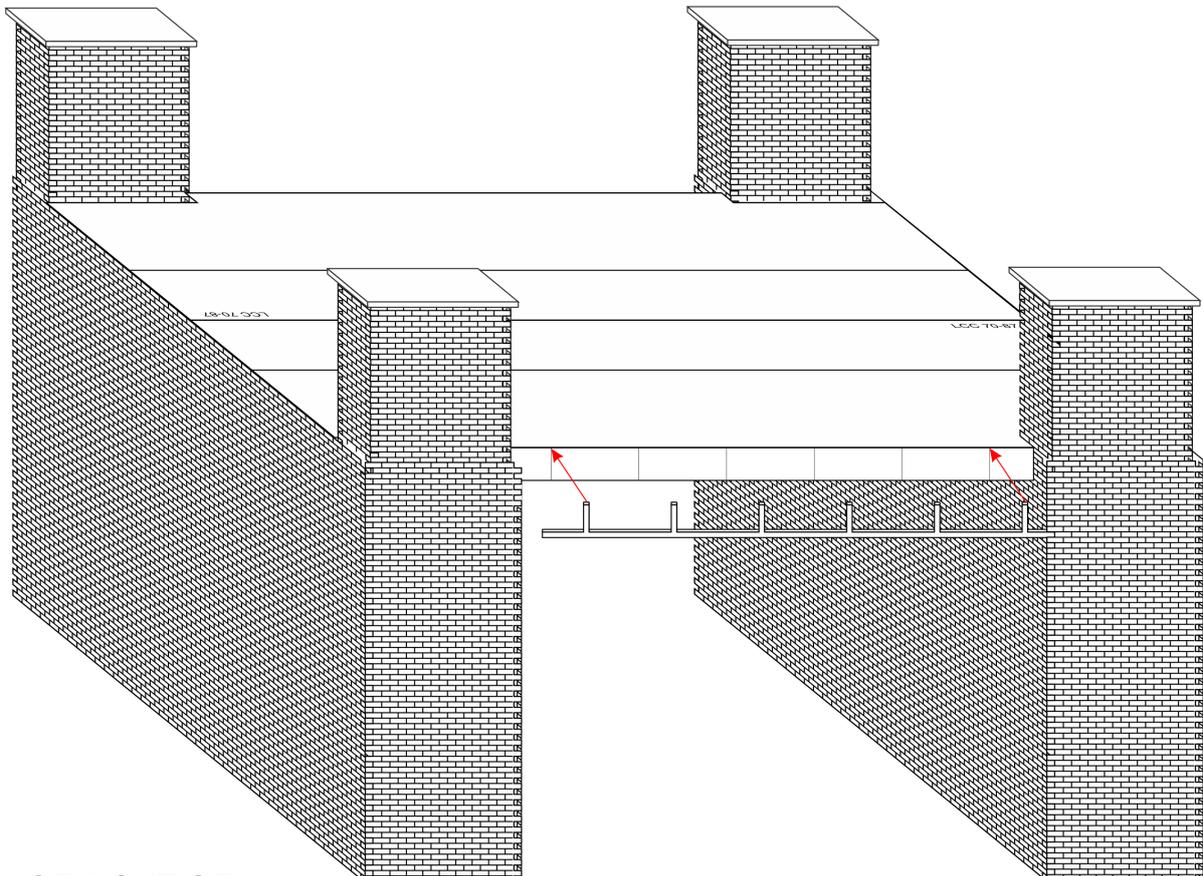
Glue the first deck element to the piers thus joining two piers together. The deck was designed to be a very close fit and it is normal for it to be slightly reluctant to locate in place. Apply gentle force to push the second deck element into place but be careful not to strip bricks off the posts. If the deck is too tight trim off some material from the inner seam. There is no need to modify the deck for the steel bridge.

PARAPET



ALL SCRIBED LINES SHOULD BE UNDERNEATH THE PRONGS AND NOT BE VISIBLE WHEN THE PARTS A,B, AND C ARE GLUED TO THEM

Start parapet assembly by cutting out the elements from LCC 00-88P. Part marked A should be cut out with the prongs at full length. Part marked B should be cut out with the prongs 1.4mm shorter. Use the lines to aid in cutting. Start assembly by gluing the shorter girder under the deck flush with the edge of the deck. Glue the part marked C to the small girder using the scribed lines to align the prongs of the part C. Girder and the element C glued together should stick out about 1.4mm proud of the deck edge. Glue element D to the back of the small girder in the same orientation as element C.



Next step is to glue the large girder to the deck and posts. Glue the large girder in so that it is flush with the element C. Note the scribed line should face to the deck side where element B will be glued later. Glue the element A to the large girder aligning the prongs with the lines on the girder and the element C. Element A should be flush with the top of the girder. Element A should be 1.4mm proud of the element C. Finally glue the element B to the back of the large girder aligning the prongs with the lines.

