

# LCC Modelling System

## B 70-18 Brick bridge

All drawings are not in scale.

LCC Modelling System is flexible and you can make easy modification. Please visit our website at [www.lcut.co.uk](http://www.lcut.co.uk) to shop for additional LCC elements.

Total width: 231mm Road width: 187mm  
Deck level: 137mm  
Inner clearance: 121mm high and 163mm wide  
Total length: 263mm

Bundle contains:

- 4x LCC 70-76
- 4x LCC 70-77
- 4x LCC 70-79
- 1x LCC 70-80
- 1x LCC 70-81
- 1x LCC 70-86
- 2x LCC 70-87
- 4x LCC 70-89

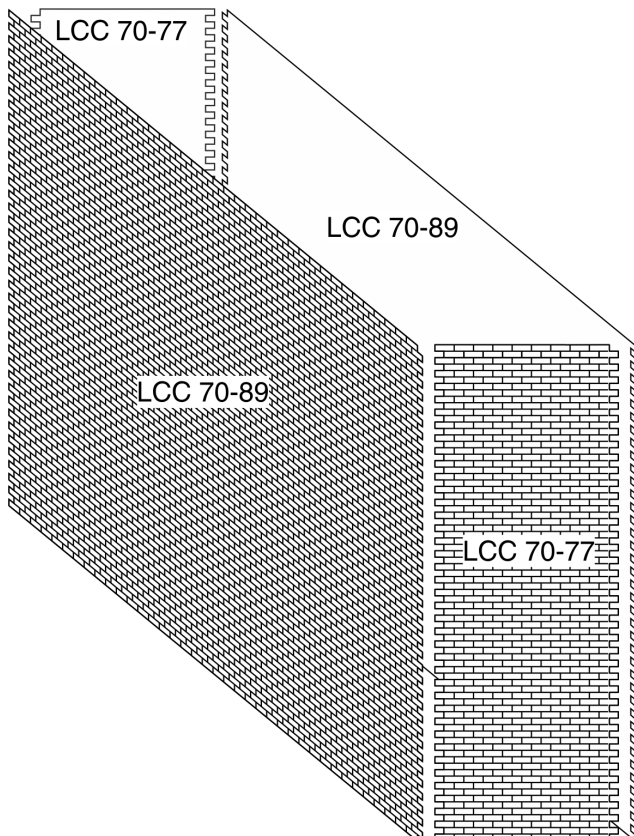


We recommend PVA or any other paper/wood glue for the main fibre board parts and resin based glue for 3D printed parts.

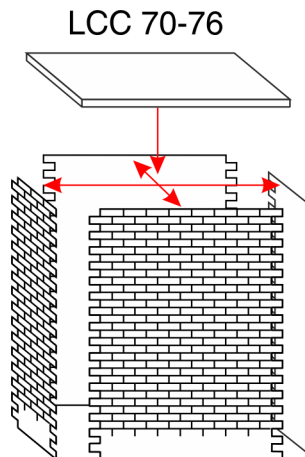
Painting recommendation:

We recommend using acrylic 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.

### PIERS AND POSTS

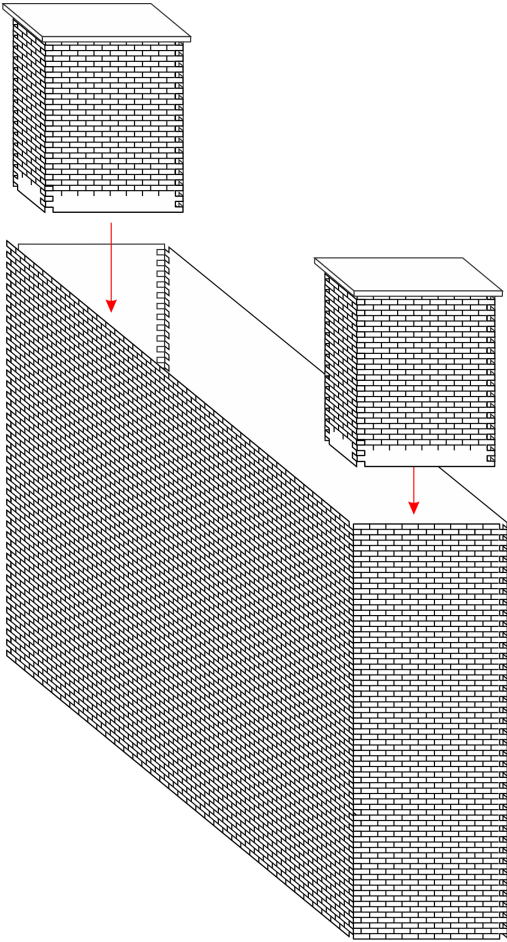


Apply glue in between the element's interlocking bricks. Push parts at a right angle to each other. If desired use a square to help align the parts at the right angle.

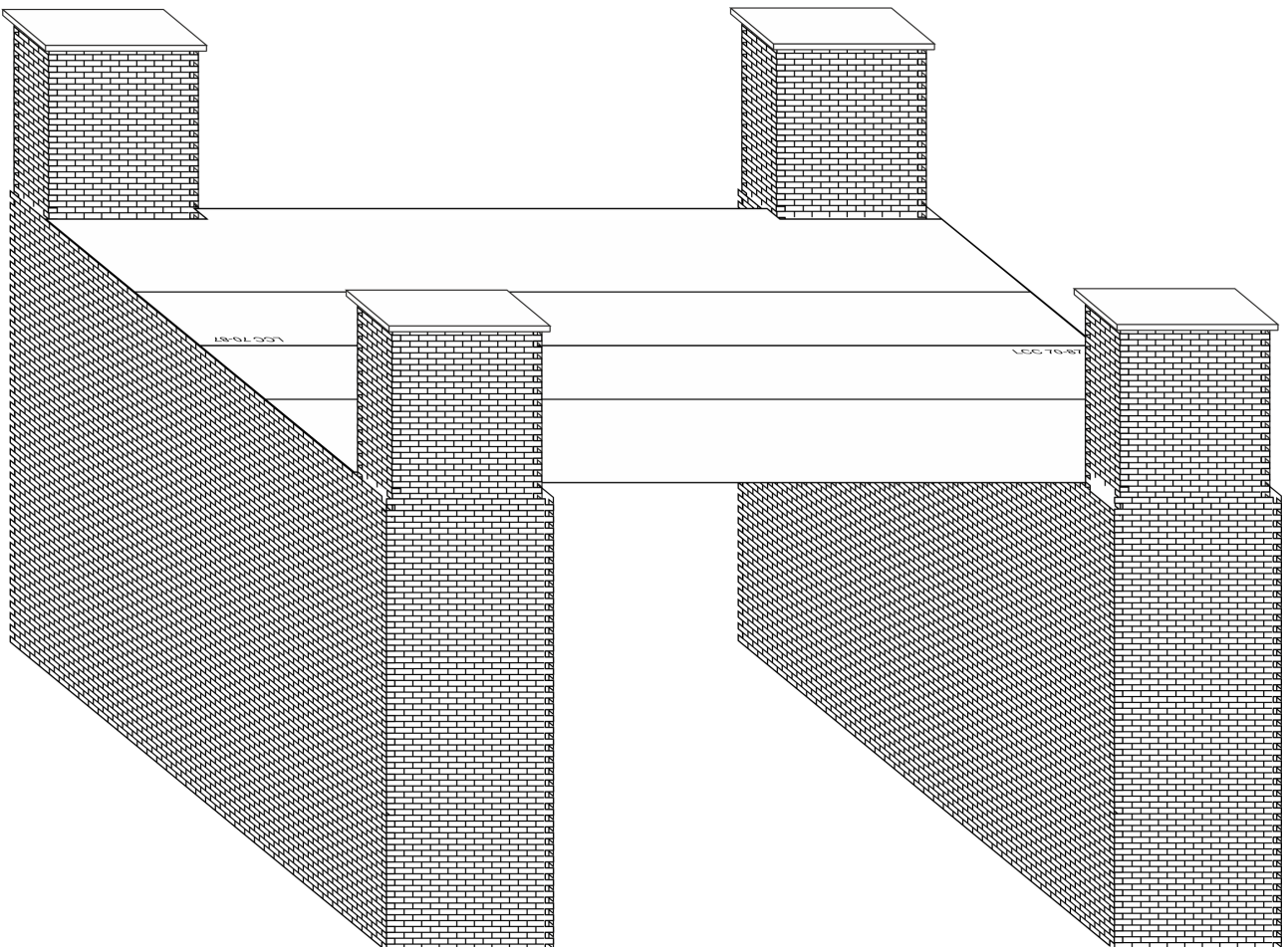


## PIERS AND POSTS CONTINUED

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.

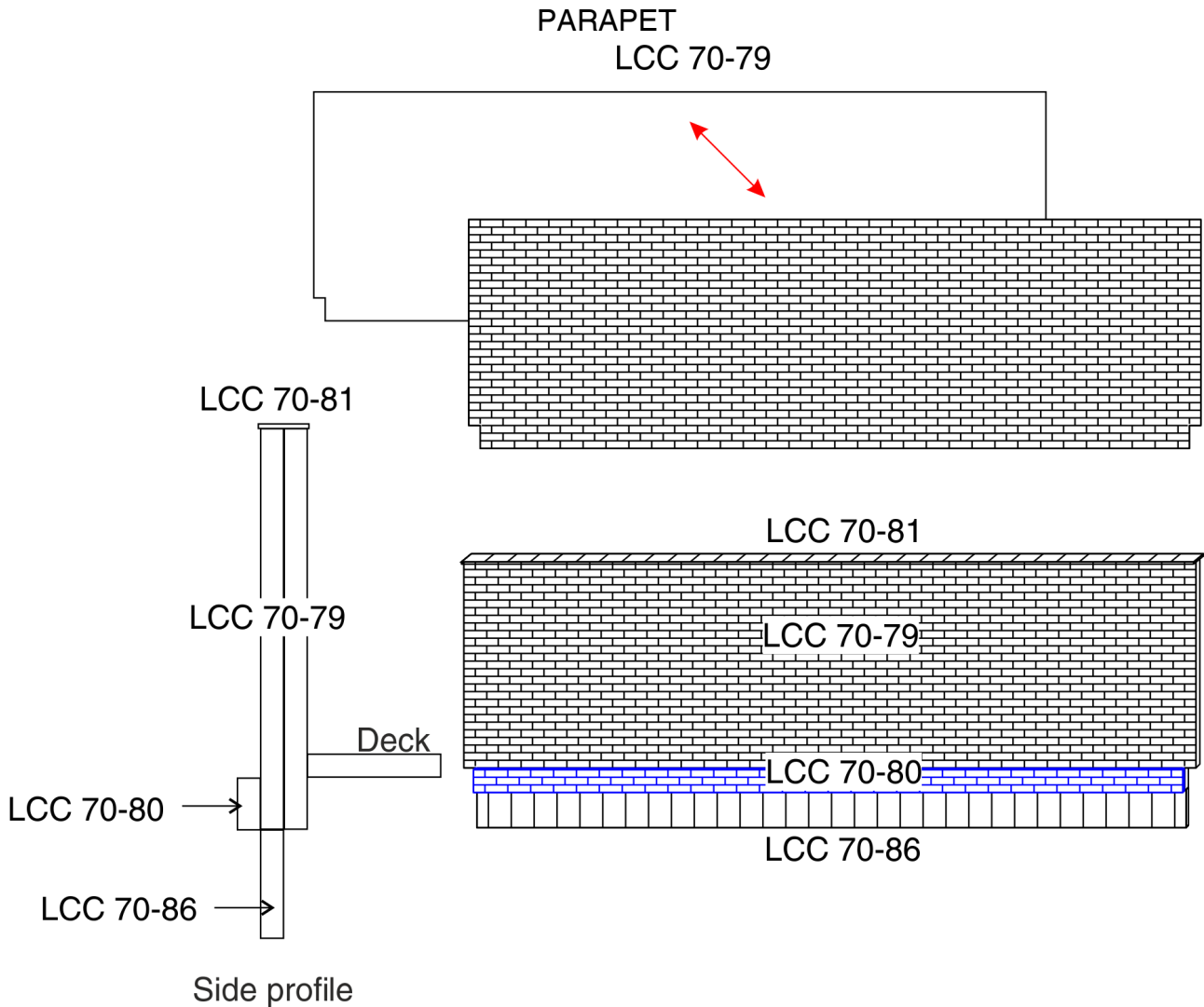


## DECK



## DECK CONTINUED

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.



Start assembling of the parapets by gluing two LCC 70-79 together back to back. Then glue LCC 70-80 at the bottom of the joined LCC 70-79. Glue the girder LCC 70-86 to the outermost LCC 70-79 (or closer one to LCC 70-80). Finish the parapet assembly by gluing LCC 70-81 to the top edge of the parapet assembly.

Refer to the side profile diagram for location of all parts.

## PARAPET CONTINUED

Fit the parapets in between the posts making sure they register to the piers without any gaps. In some cases the parapets will seem to be too long. All of the parts have been designed to be a really tight fit and gentle force may have to be used to gently locate them in place.

