

INSTALLATION

GATE POST SETTING OUT

- 1 In order to begin installation of Ecoscape UK composite gate you will need to have 2 gate posts installed. 1 post from which the gate hinges will be attached, and another to accept the keep.

For further information on how to install fence posts, please see 'Ecoscape UK Composite Fencing Installation Guide' (available at www.ecoscape.co.uk)

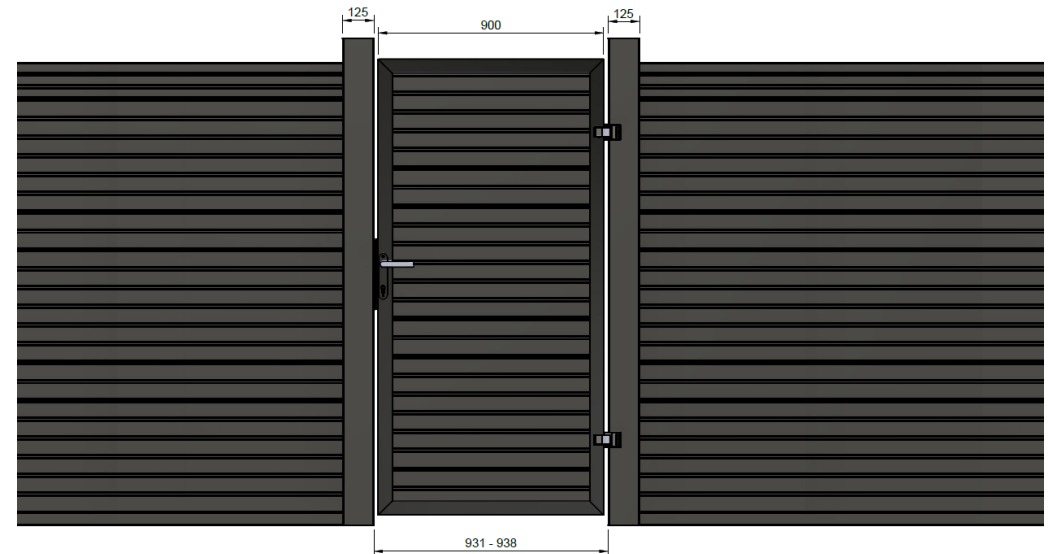
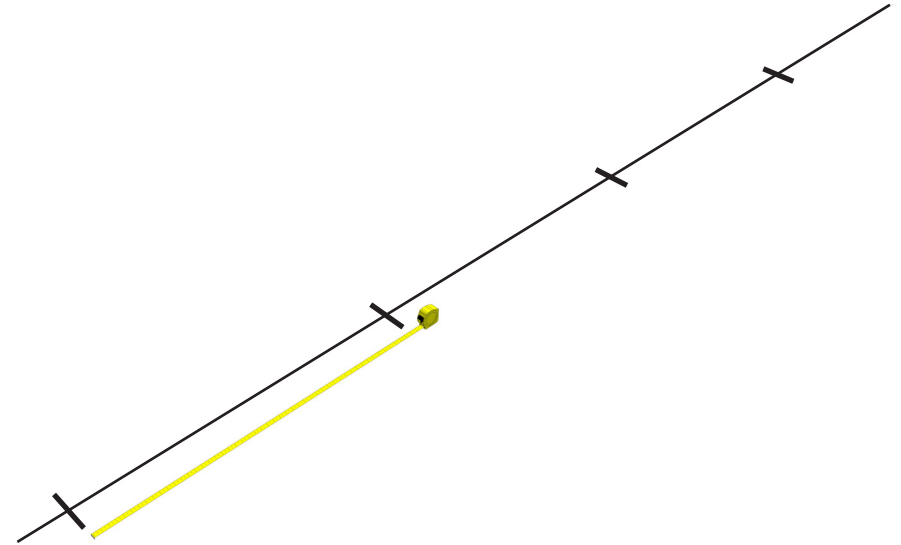
First the gateposts should be set with a distance between them of 935mm between posts.

N.B. The Ecoscape UK pedestrian gate is 900mm wide.

- 2 Ecoscape Composite gate hinges can be installed onto either:
 - Ecoscape Composite End Post (we recommend using gate post with steel insert to ensure the gate is adequately supported)
 - A metal post of at least 50 x 50mm (supplied by others)
 - If using a metal post, this should be suitable for exterior use, strong enough to carry the weight of the gate, and with a wall thickness of no more than 5mm).

If fixing an Ecoscape UK pedestrian gate directly into our composite fence system, you will need to use an 'End Post' either side of the gate. One from which to hang the gate, and one to to fix the keep.

You will also need an 'Aluminium Gate Post Insert - ECOCGAI'.



INSTALLATION - COMPOSITE POST

PREPARE THE HINGE POST

- 1 When installing into a composite fence post, the gate hinges should ultimately fix into the flowdrilled and threaded holes in the gate post insert.

The gate post insert has 4no. M8 threaded holes, machined at the correct distance to accept the hinges for either a 6ft, 5ft, or 4ft pedestrian gate.

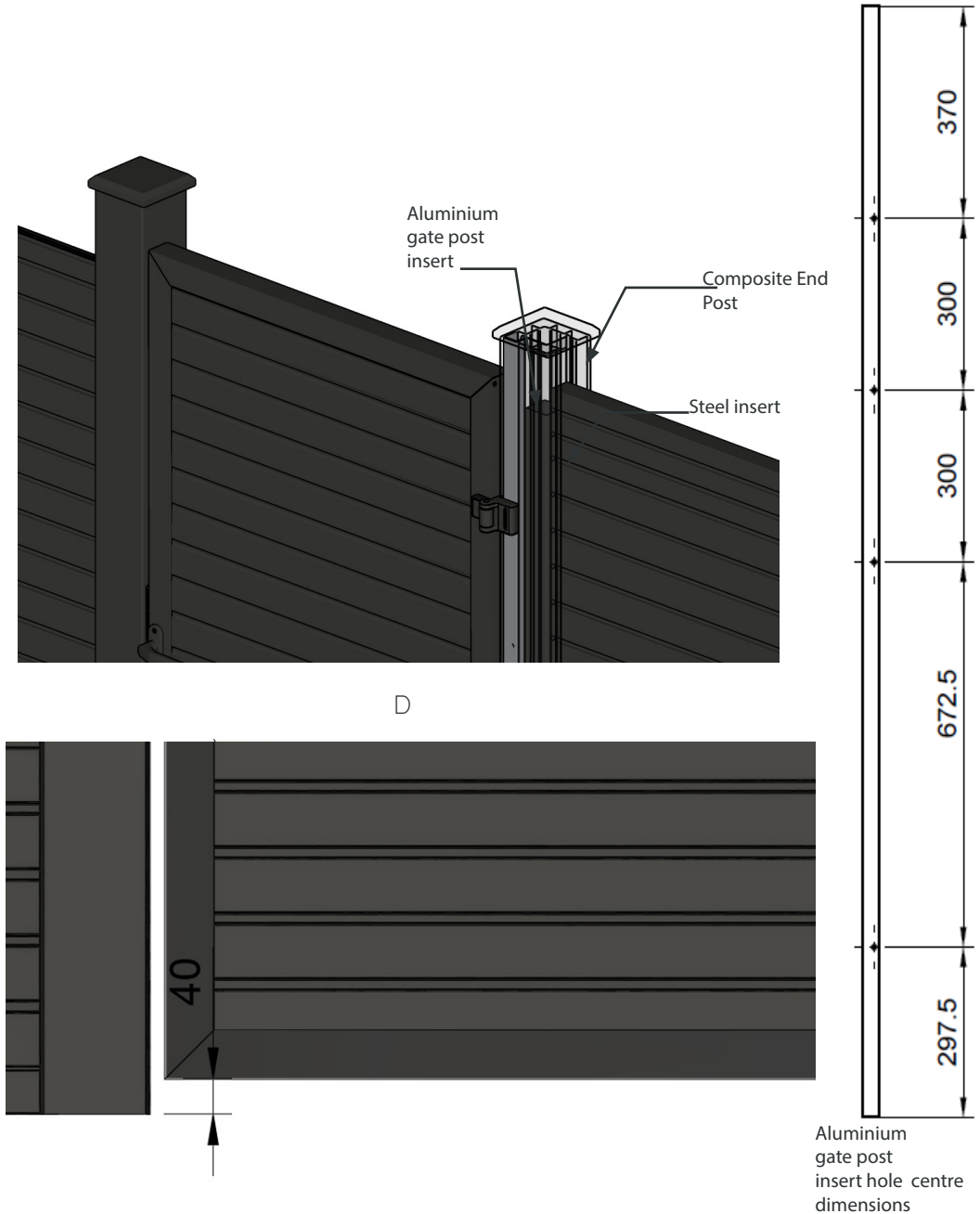
For standard Left hand hinged orientation, the Aluminium Gate Post Insert (ECOCGAI) should be inserted with the single hole toward the bottom of the post, and the 3 grouped holes in the upward position (see image on right of page).

- 2 In this orientation gate post insert is designed to sit flush with the bottom of the post:

The lower hole centre is 297.5mm from the end, and hinge hole centres for each gate are:

4ft: 672.5mm;
5ft: 972.5mm;
6ft: 1272.5mm.

In this position, and oriented as shown, the bottom of the gate will be approximately 40mm above ground level.



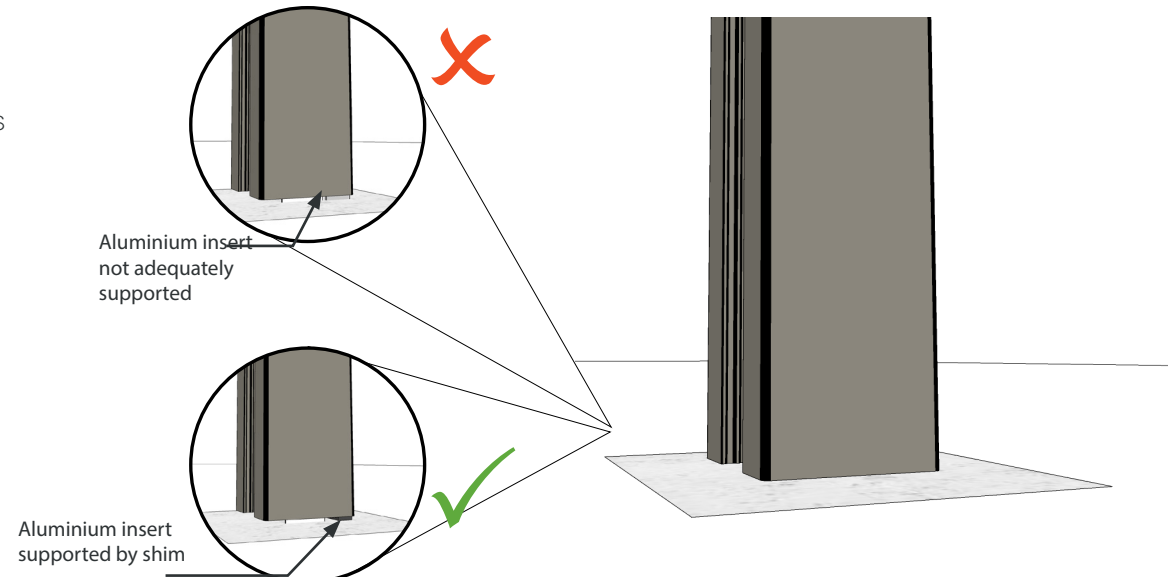
INSTALLATION - COMPOSITE POST

PREPARE THE HINGE POST

- 3 10mm clearance holes should be drilled into your composite end post that coincide with the position of the holes relating to the correct hinge centres for your chosen gate.



- 4 It is important to ensure that the Aluminium Gate Post Insert is adequately supported underneath. If the concrete pad surrounding your post is not level, it may be necessary to use shims or packers to ensure the insert does not drop when the gate is attached, as this may cause damage to the composite post.



INSTALLATION - COMPOSITE POST

HANGING THE GATE

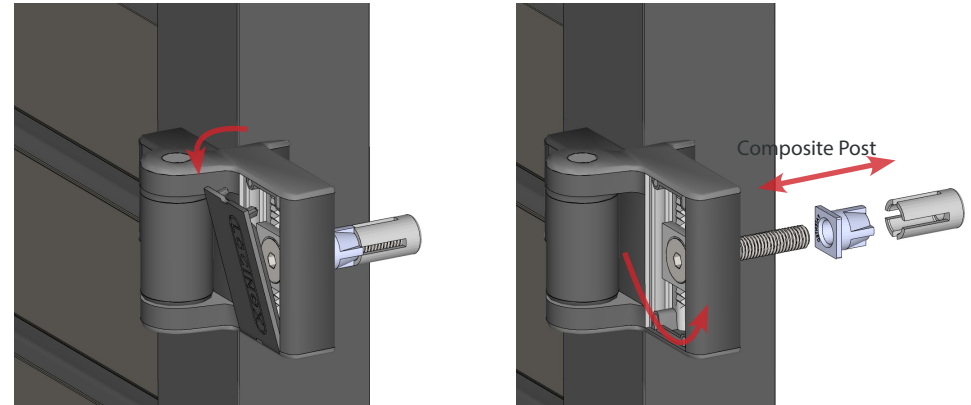
- 1 Once the Aluminium Gate Post Insert position has been set, and the composite post has been drilled with corresponding clearance holes, the M8 bolts can be inserted into the threaded holes in the gate post insert, and tightened.

To do so, you will first need to carefully remove the bolt cover caps from the hinges using a flathead screwdriver or similar.

Then loosen the bolt to remove, using a 5mm hex key to remove the expanding quick bolt cover to reveal the M8 bolt inside

Then, carefully position the gate so that the M8 bolts that attach to both top and bottom hinges are inserted into the threaded holes, ensuring that the gate is supported underneath.

- 2 The gate should be supported from below until both hinges are adequately fixed into the gate post insert. Once both bolts are tightened, the support can be removed from below the gate, and the coverplates can be clicked into place on the hinges.



Support gate from below until bolts are secure