

Installation of the Pedestrian Gate and Vehicle Gate with barriers

The installation requires a minimum of two persons.

If the site has already deployed the barriers with fences, the 6m bi-fold vehicle gate requires a clear space of a minimum 6.3m and the pedestrian gate requires a minimum of 1.5m

Based on the site-specific risk assessment, determine which way the gate will open, i.e. inwards or outwards. Take into consideration if there are access roads and pavements. Each site is different but as a general guide, the padlock access box must be on the public side and the other side is the restricted site that is being protected by the gate.

For the 6m bi-fold gate, there are two locking bars found horizontally on the inside for additional security. Both can be padlocked (padlock not supplied)

The pedestrian gate has additional lugs as it fits more than one type of fence post to connect to Marrobar system, Mass barrier system, V28 system, and Universal system.

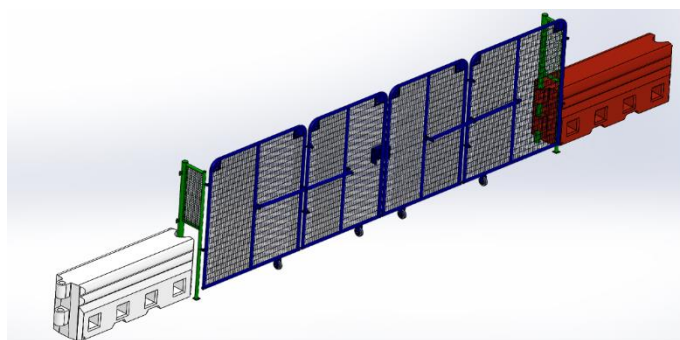
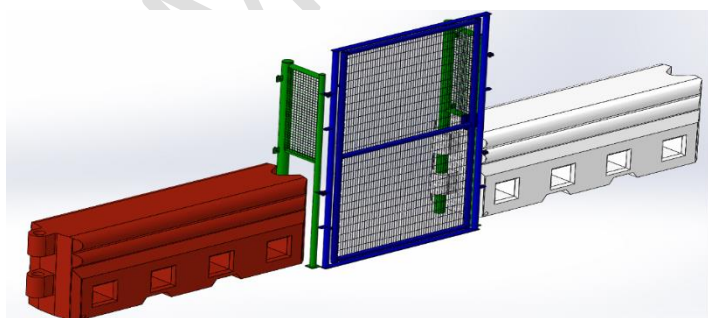
Marrobar Barrier System

Posts required for fixing gate:
2 x RB22 Gate Post

Fixings required for gate:
4 X M12 X 45, 4 X M12 Nut & 4 X M12 Washer

Installation Steps

1. Starting with one Marrobar barrier and one RB22 Gate Post.
2. Fit one RB22 Gate Post in one of the socket.
3. Repeat Step 2 in the other socket.
4. Repeat Step 2 and 3 on the other block.
5. Two persons' operation: Position the gate lugs over the RB22 Gate Post lugs.
6. Once aligned and in position, add the two M12 x45 bolts with washer and nut.
7. Securely tighten all the bolts/nuts/washers.



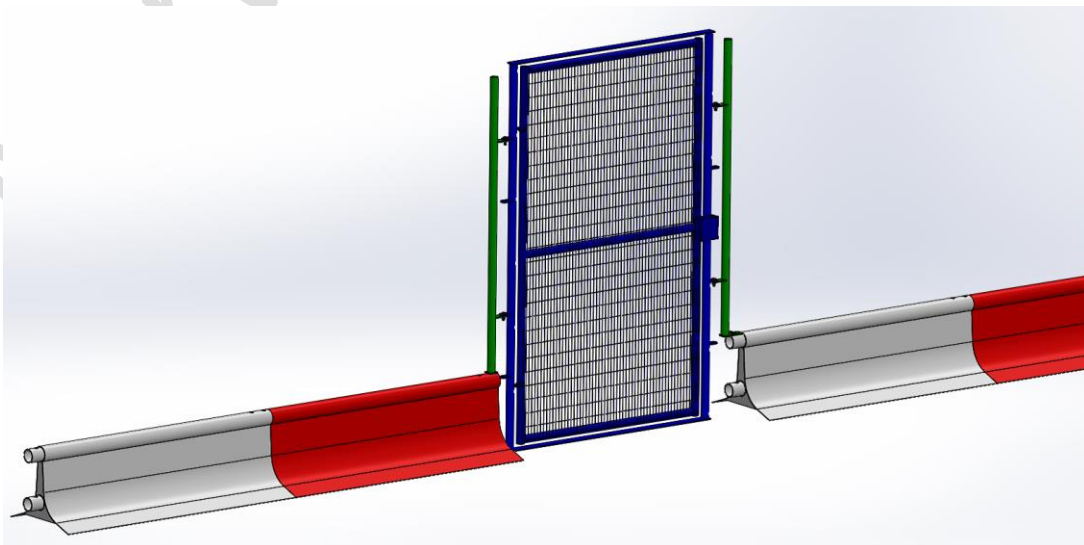
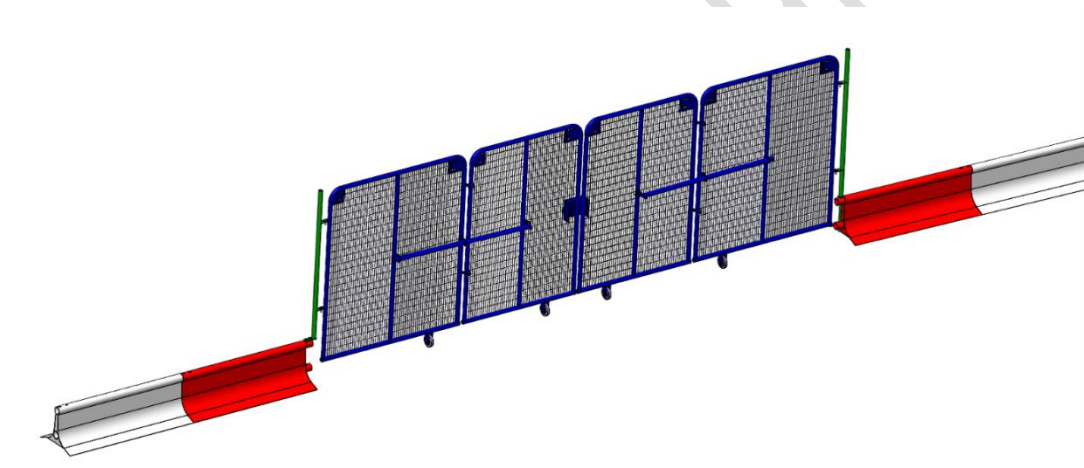
Mass Barrier System

Posts required for fixing gate:
2 x Asset Gate Post

Fixings required for gate:
4 X M12 X 45, 4 X M12 Nut & 4 X M12 Washer

Installation Steps

1. Starting with one mass barrier, align and insert the Asset Gate Post into the barrier connecting hole.
2. Repeat Step 1 in the opposite mass barrier connecting hole.
3. Two persons' operation: Position the gate lugs over the Asset Gate Post lugs on the two posts.
4. Once aligned and in position, add the two M12 x45 bolts with washer and nut.
5. Repeat Step 4 on the opposite side.
6. Securely tighten all the bolts/nuts/washers.



V28 Barrier System

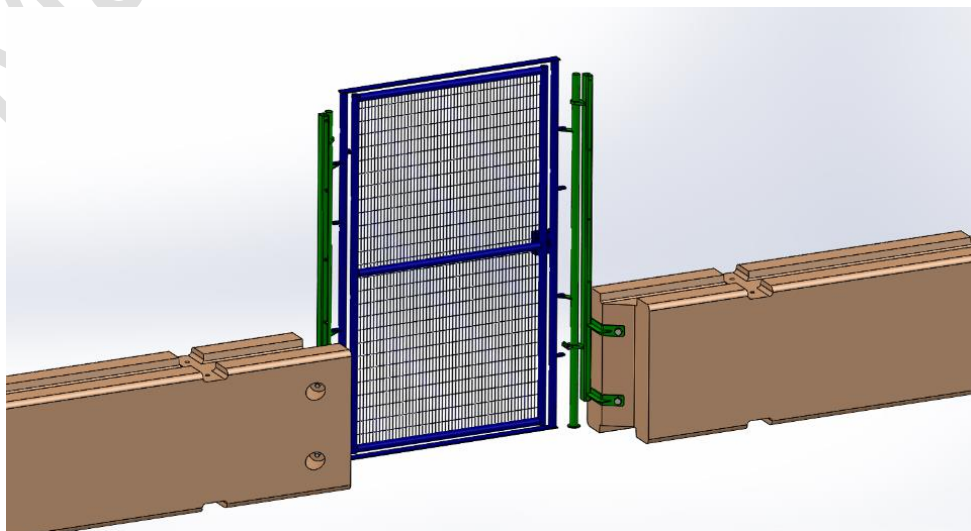
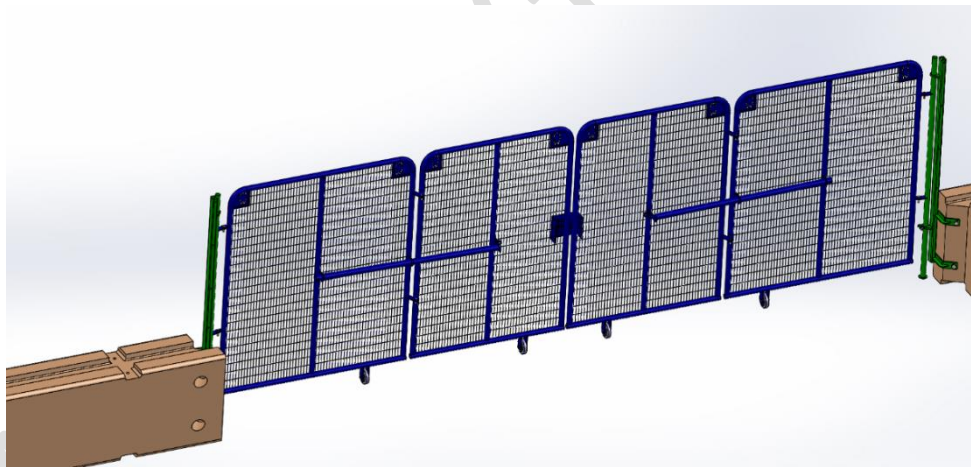
Posts required for fixing gate:
2 x V28 Gate Post bracket

Fixings required for gate:
4 X M12 X 45, 4 X M12 Nut & 4 X M12 Washer

Fixings required for post to block:
4 x M24 x 300 bolt with spacer

Installation Steps

- 1 Starting with one block, align the V28 post bracket over the pre-positioned concrete block holes. V28 Gate post are clearly marked LEFT and RIGHT.
- 2 Bolt one M24 x 300 with spacer in the first hole then add washer and nut on the other side.
- 3 Repeat Step 2 in second hole below.
- 4 Repeat Step 2 and 3 on the other block.
- 5 Tighten all bolts when the post is in correct and stable position on ground.
- 6 Two persons' operation: Position the gate lugs over the V28 post lugs on the first post bracket.
7. Once aligned and in position, add the two M12 x45 bolts with washer and nut.
8. Repeat Step 6 and Step 7 on the other block.
9. Securely tighten all the bolts/nuts/washers.



Universal Barrier System

Posts required for fixing gate:

2 x Universal 2000 Gate Post

1 x Universal 2000 Infill Post

Terminators required:

1 x Universal 2000 Female terminator.

1 x Universal 2000 Male terminator.

Fixings required for gate:

4 x M12x45+Nyloc Nut for attaching to gate

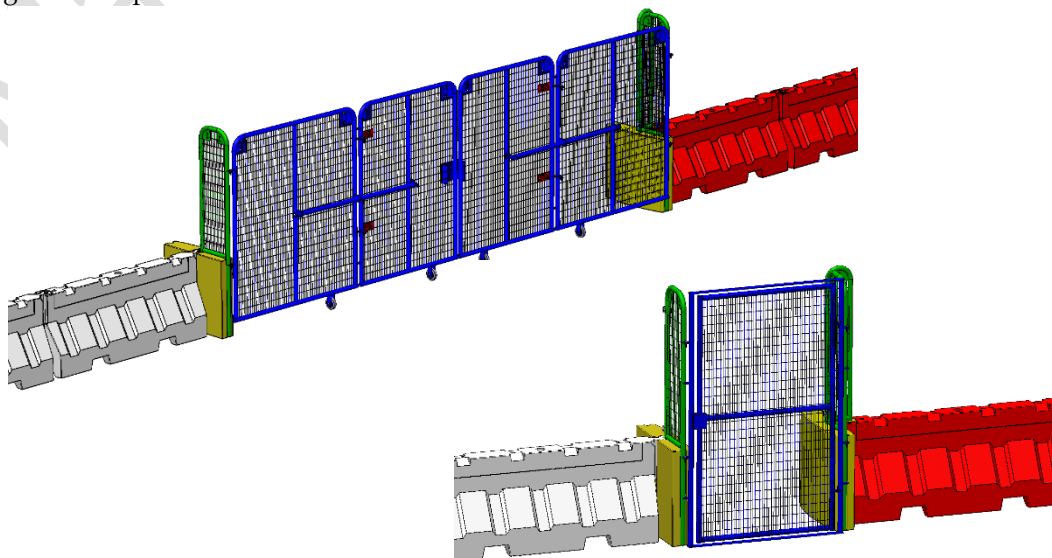
4 x M8x60+nut

2 x UNI Clamp with cup square bolt M10x80+nut

Installation Steps

For the **Universal Barrier System**, pay extra attention regarding the position of the gate post and infill panel.

1. Use components Universal 2000 Female terminator and Universal 2000 Male terminator. Starting from one side in space allocated for the gate, place the appropriate terminator in position by pushing it against the barrier. Repeat the same process on the other side.
2. Place 1 x Universal 2000 Gate Post on one side of the terminator. (Depending on your arrangement, it is the female terminator) Keep hand and fingers well clear from any tight space.
3. On the opposite side (male terminator), place the pre-assembled Universal 2000 Gate Post and the Universal 2000 Infill Post. This has been pre-assembled for operational reasons.
4. Secure the Universal 2000 Gate Post to the Universal 2000 Infill Post with the support return clamp provided (M8 x 60). Make sure not to trap fingers while fastening the bolts/nuts.
5. Secure the Universal 2000 Infill Post to the fence panel with the fence clamp provided.
6. Two persons' operation: Carefully lift the gate and align it with the lugs present on the gate post. The pedestrian gate has additional lugs as it fits more than one type of fence post.
7. Once aligned against the appropriate lugs, use the M12 x 45 bolts/nuts provided to secure the gate to the posts.

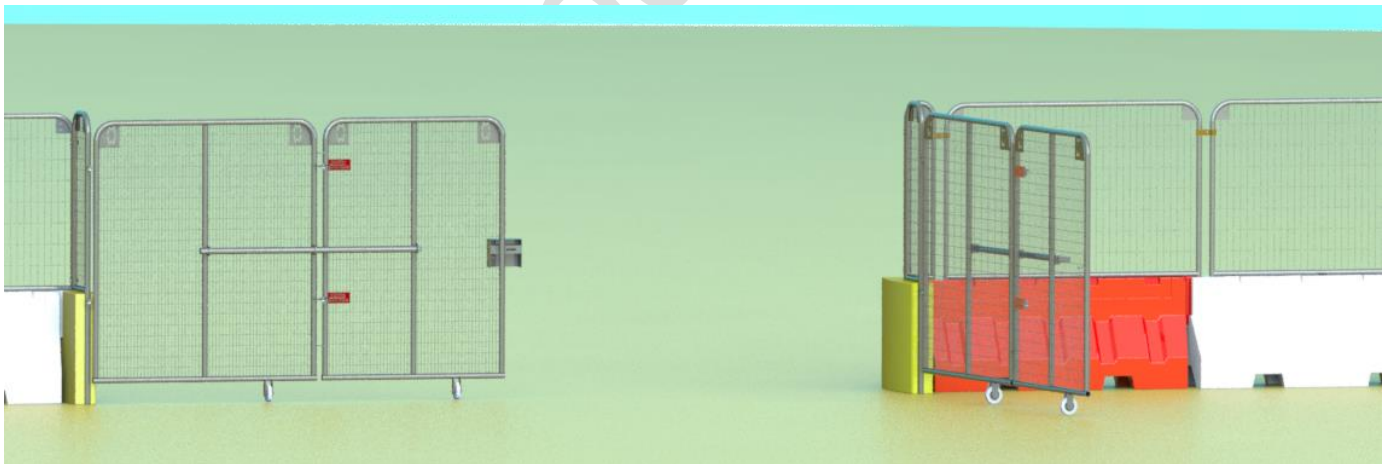
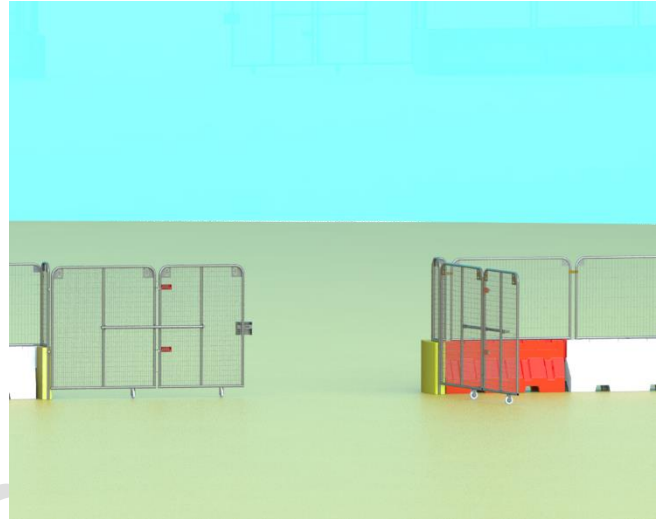
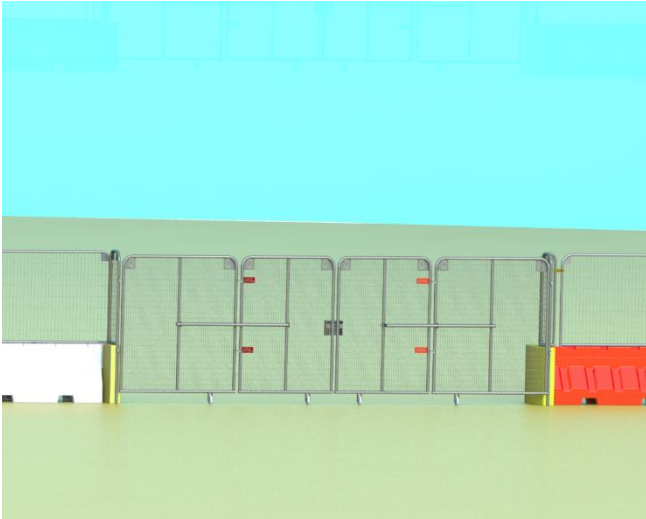


Operational Steps for the bi-fold vehicle gate

When opening or closing the gate to provide or restrict access to the site.

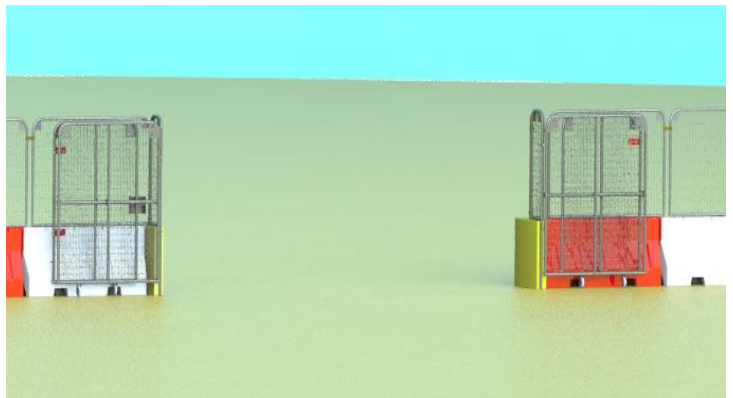
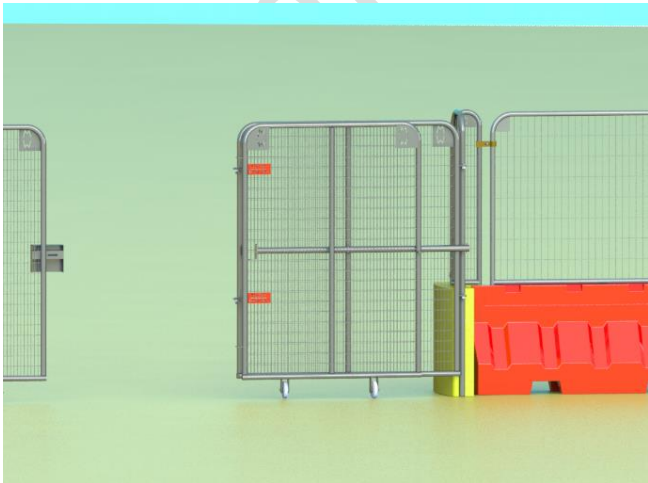
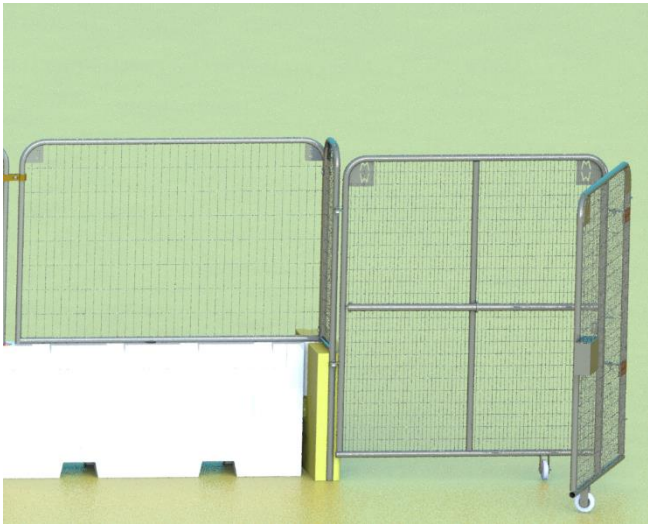
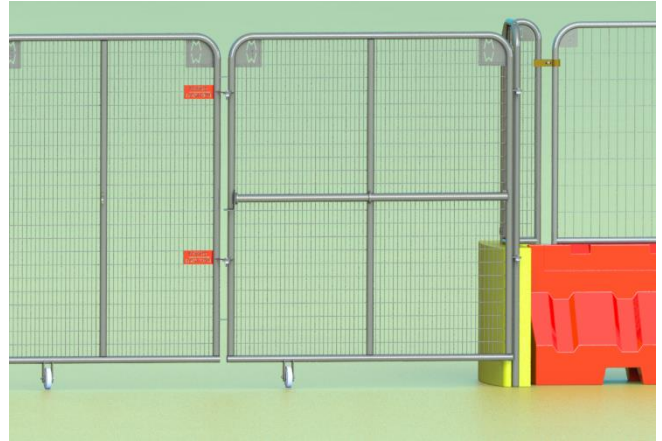
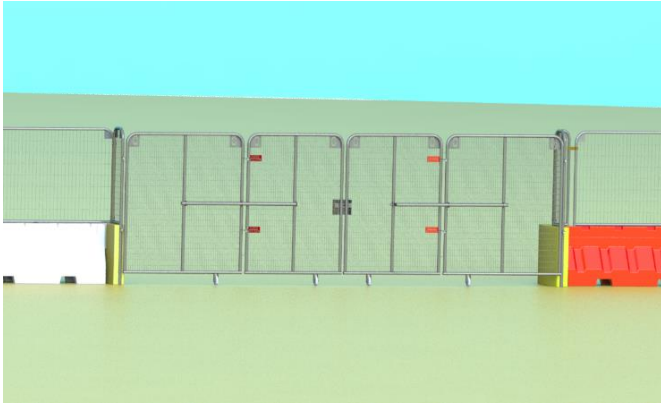
To operate the 6m gate in **non bi-fold mode**: -

- ❖ Leave the locking bars in.
- ❖ Unlock the main padlock.
- ❖ Carefully open both sections of the gate.

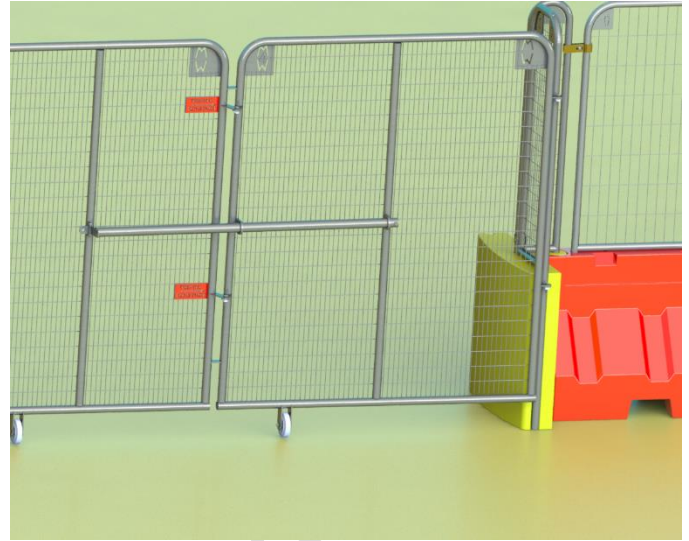
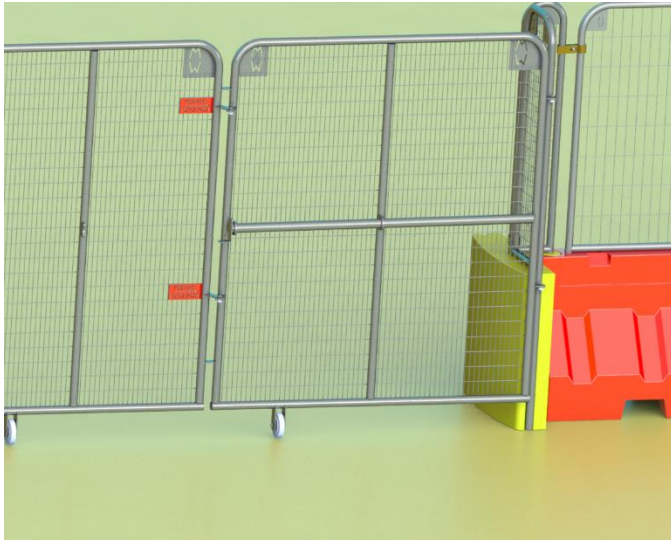


To operate the 6m gate in **bi-fold mode**: -

- ❖ Unlock the padlocks if present on the two locking bars.
- ❖ Unlock the main padlock if present.
- ❖ Slide the two locking bars on each side.
- ❖ Carefully fold one of the middle section back on to its joined section of the gate. Repeat the same process on the opposite side.
- ❖ The pair gate sections on both sides can now be folded open to provide the entrance.



To secure the 6m gate, it is recommended to use the locking bars to fully secure both sections of the gate.



Maintenance

Perform a final check on all posts, bolts, nuts, gates, fences, and barriers where applicable.

Marwood Group always recommends that a site survey and a full risk assessment must be carried out including loading and ground conditions before using the barrier system. It is the end user's responsibility to make sure the system is suitable for its intended use

The post and gate system must never be modified

Contact your local Marwood Group Depot, for replacement & repair to the barrier system

Any defects, security concerns, or damage, contact your nearest Marwood Group Depot

All pictures shown are for illustration purpose only. Different colours shown to distinguish between components. Actual product may vary due to product specification and manufacturing process.