



RB22 BARRIER INSTALLATION GUIDE

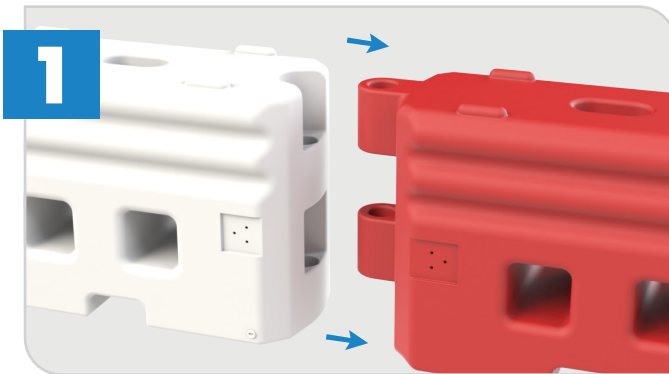
Water-filled RB22 crash barriers are designed to withstand impact from vehicles travelling at up to 50 mph. They're ideal for bordering off temporary roadworks and highway maintenance areas.

People to Install:

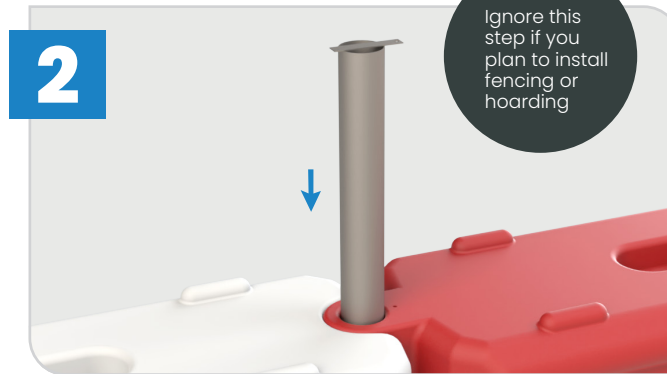


Equipment / Accessories Needed:

- Connection pins & bolts
- Metal side plates & screws
- Drainage plug key
- Allen key



1 First, line up the barriers and slide them together to make the connection.



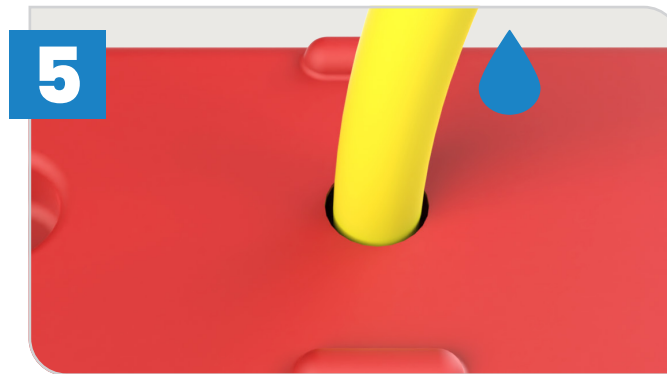
2 Next, insert the connection pin into the connection hole. Do NOT hammer this into place.



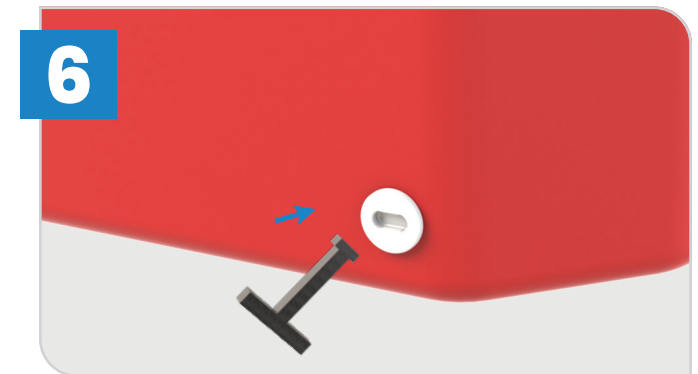
3 Secure the pin by screwing through the eyelet on top into the threaded hole situated next to the opening. Avoid using a drill / impact driver as this may cause damage to the barrier.



4 For added security and resistance place the face plate on each side of the barrier and fasten the 12 screws with an allen key. Bolts should never be overtightened, and never use a drill or impact driver as this may cause damage to the barrier.



5 Once all barriers are securely set up, fill each barrier fully with water up to the top hole. Once the barriers are full replace cap.



6 When it is time to dismantle the RB22's locate the release plug at the bottom of the barriers. To unscrew and re-secure the release plug please use the 'T' shape key provided.



Useful Tip: Make sure NOT to bang or hammer the connection pin in place as this can pierce the plastic causing the barrier to leak water, this in turn will negatively effect the barriers resistance capabilities if the leak is not noticed and barrier replaced.



Wear the appropriate PPE for this task. 01



RB22 BARRIER – MESH OR HOARDING PANEL INSTALLATION GUIDE

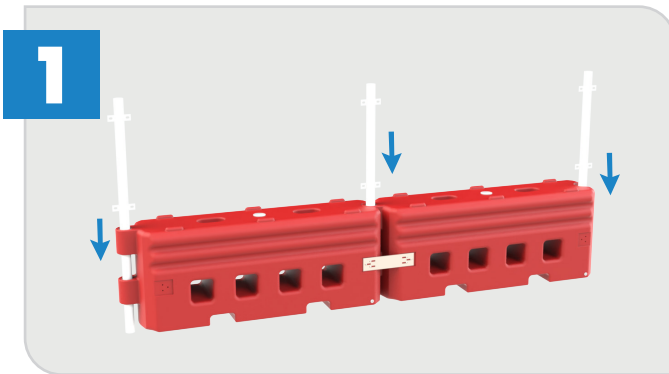
Adding Mesh or Hoarding to the RB22 Barrier is an excellent way to add privacy and protection on your site quickly and easily.

People to Install:

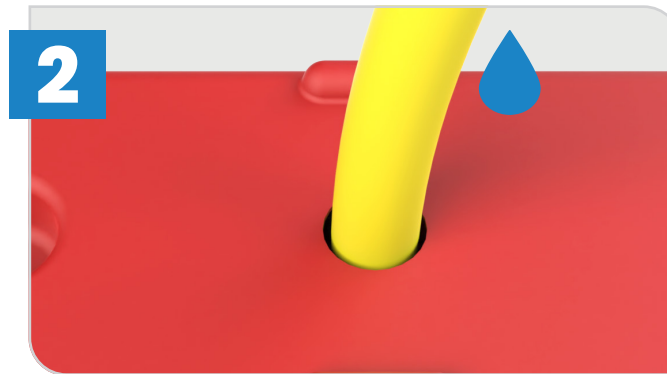


Equipment / Accessories Needed:

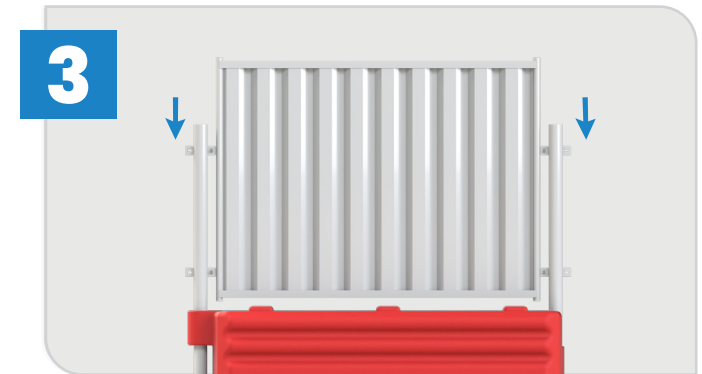
- Connection posts
- Bolts and washers
- Couplers
- Impact Driver



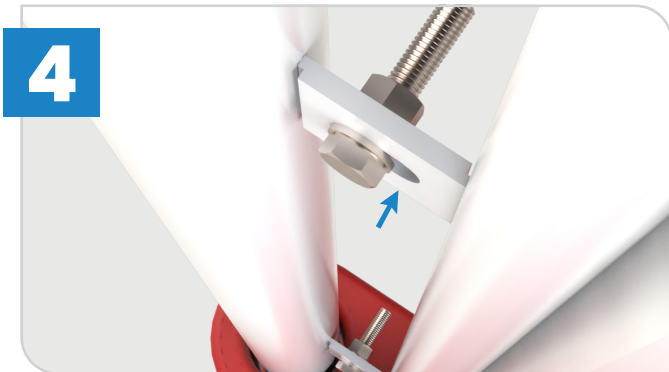
1 If using fencing or hoarding panels you will be supplied with metal connection posts instead of connection pins. Drop the connection posts in vertically through the holes where the RB22 barriers are joined.



2 Once all barriers are securely set up, fill each barrier fully with water up to the top hole. Once the barriers are full replace cap.



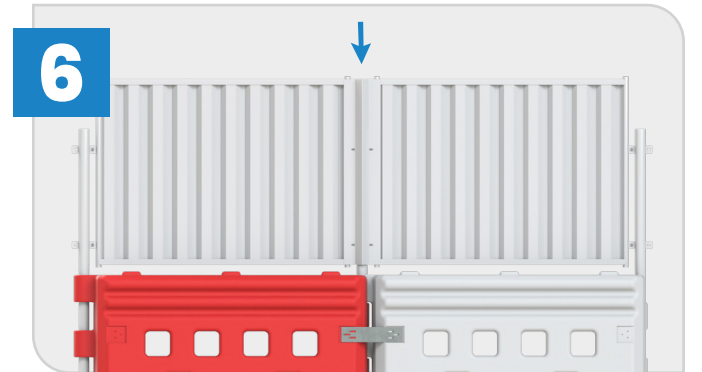
3 Lift a panel and hover it over the barrier, line up the brackets on the panel with the brackets on the posts.




4 With one person on either side of the panel, push a M10 x 40mm bolt with a washer on through each bracket and fit a washer and nut on to it the other side of the panel and secure with a impact driver.



5 Once the fencing / hoarding panels are in place the RB22 Barrier system forms a robust boundary, with the extra panel also increasing the overall height to 2200mm.



6 To install infill panels line up with brackets of the posts and panels on the outside face of the system. Do this at the same time as when the hoarding / fencing panels are installed, as the bolts must be threaded through the infill panel first.

 **Useful Tip:** Make sure NOT to bang or hammer the connection posts in place as this can pierce the plastic causing the barrier to leak water, this in turn will negatively effect the barriers resistance capabilities if the leak is not noticed and barrier replaced.



Wear the appropriate PPE for this task. 02



RB22 BARRIER – PEDESTRIAN / VEHICLE GATES INSTALLATION GUIDE

Our RB22 Barrier system allows you to create an access point with the option between pedestrian and vehicle gates that can be installed to the barriers.

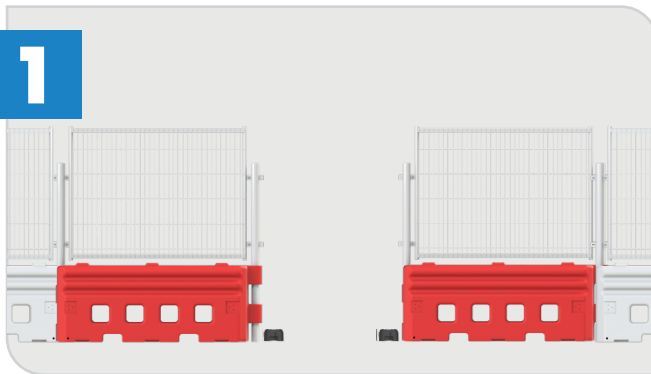
People to Install:



Equipment / Accessories Needed:

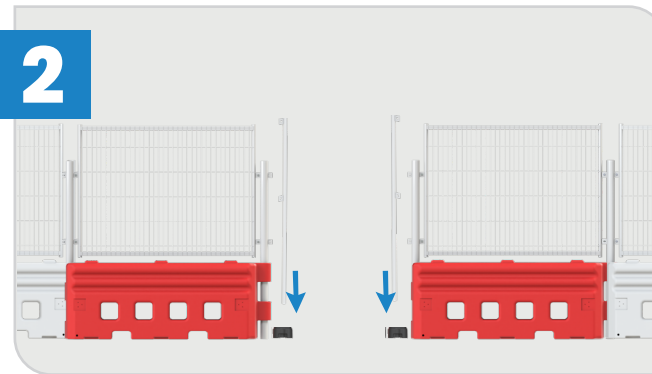
- Rubber Feet
- Adaption Poles
- Couplers
- Impact Driver

1



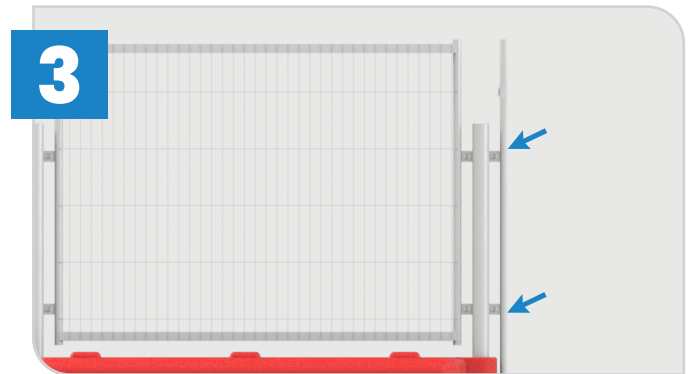
Locate 2x rubber feet and position one at each outer end of the already installed RB22 with mesh fence.

2



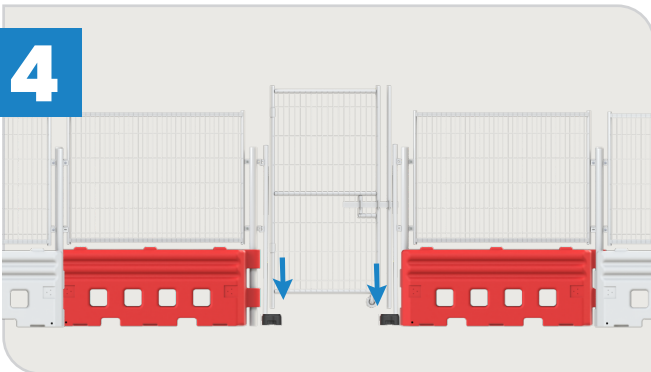
Locate 2x adaption posts and position one into each rubber foot, insert each post into the central hole closest to the RB22 barrier.

3



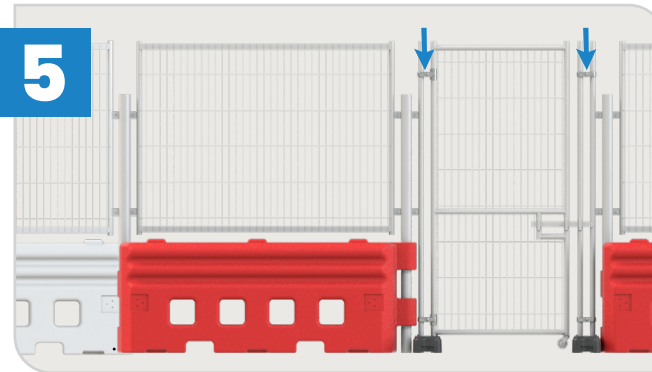
Connect each adaption post to each connection post using 2x M10 x 40mm bolts, washers and nuts on each side.

4



Locate the pedestrian gate and gate post, insert the gate into either of the remaining central rubber foot holes.

5



Connect the pedestrian gate and gate post to the adaption post using 2x couplers on each side.



Useful Tip: Make sure to leave enough space in between the barriers for your entry point to install the chosen gate



Wear the appropriate PPE for this task.