

FLOODFENCE™ LIGHTWEIGHT ASSEMBLY INSTRUCTIONS (AUG 2024)

Online details, including assembly videos, can be viewed at <https://www.fluvial-innovations.co.uk/flood-fence-water-diverter/>. Please read the following instructions carefully before assembling and storing your FloodFence™ Lightweight system.

PREPARATION

Inspect ground conditions and clear any debris. FloodFence is most effective on hard surfaces. Each FloodFence™ Lightweight unit's linear length when connected is 0.91m.

To assemble two panels together, locate the lower tongue onto the vertical spigot.



Once the lower tongue is connected into the spigot. Lift and rotate the FloodFence™ Lightweight unit so that the upper tongue slides into the upper clamp. Repeat these steps for the required length of barrier.

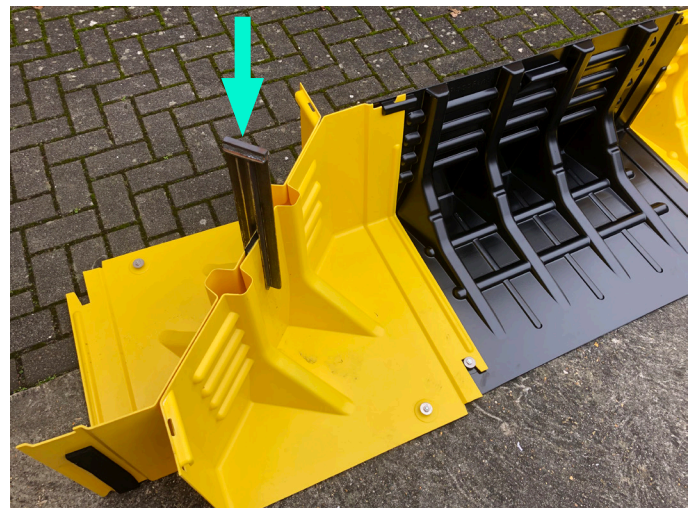


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There are two types of corners possible in the FloodFence™ Lightweight range. 'Inner' and 'outer corners'. Both types of corners require bolting and removing the nylon washer from the spigot. Unscrew the nut and steel washer and connect the 'inner corner' panel using the same method as the 'side panel'. Then re-screw the nut and steel washer back onto the spigot as far as possible. This applies more pressure on the seals of the corner units.



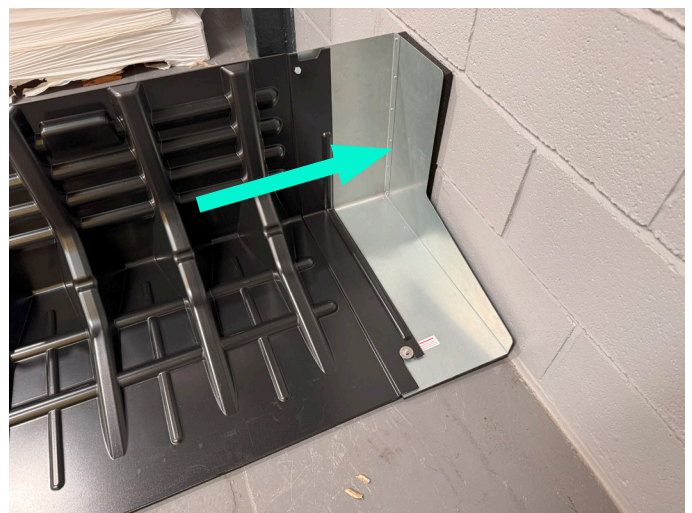
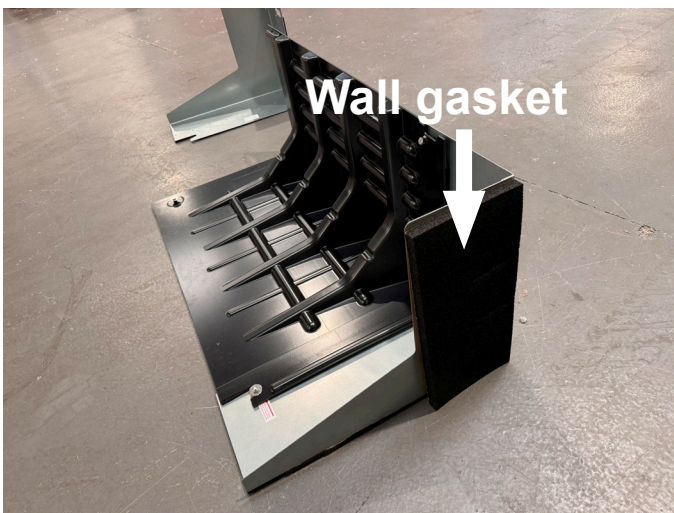
To assemble an 'outer corner', place two 'inner corners' with the back surfaces touching. Please ensure that an 'outer corner' is assembled with 'inner corners' which have an extra gasket strip on the back. Then carefully locate and fit the 'corner/jointing pin' - this fixes the two corner units together and ensures the gaskets are compressed. Push the pin all the way down. Then use a nut and bolt to secure the upper clamp of the corner unit - see page 4 for more details.



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To create a connection with an in situ object such as a wall - a 'Wall connector' unit should be employed. Simply connect the unit to the end of the assembled FloodFence™ Lightweight barrier:

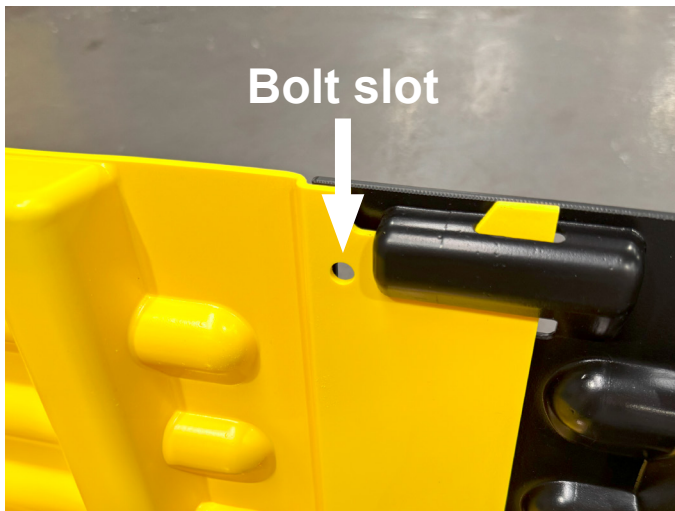
1. Place the supplied wall gasket onto the 'wall connector/s'. Make sure the gasket is on the face which is going to be in contact with the object/wall.
2. Connect the corresponding 'wall connector' to the end of the barrier.
3. Remove nylon washer and bolt 'wall connectors' to the barrier. See page 4 for bolting details.
4. Place the 'wall connector' against the target object/wall and ensure the wall gasket is under firm pressure.



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Bolting is required for corners and wall connections, but it is optional for side panels.

Once two panels are connected, a bolt can be placed through the opening adjacent to the upper clamp and pass through both panels. Secure the bolt with a nut and the panel has been bolted. M8 bolt recommended.



The benefits of bolting panels together are:

- The barrier cannot be easily disbanded in the field.
- More pressure applied to the gaskets, improving the seal.



Emtez Group | Fluvial Innovations,
4 Maxwell Square,
Livingston, Scotland
EH54 9BL



info@emtez.co.uk



www.fluvial-innovations.co.uk



+44 (0) 1506 409 973



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FLOODFENCE™ LIGHTWEIGHT

DISASSEMBLY INSTRUCTIONS (AUG 2024)

- Simply follow the assembly instructions in reverse.

PACKING/STORING GUIDELINES

The FloodFence™ Lightweight system stacks neatly onto a pallet. We recommend stacking the units as per the photo below. Please store indoors when not in use. If you have to store outside - ensure they are well covered and secure.



NOTES

- If the ground terrain is not adequately flat where the FloodFence™ Lightweight is deployed, you may experience increased seepage/leakage. You can place ballast (such as sandbags) on the leading edge to assist.
- FloodFence™ Lightweight is designed to be used as a lightweight water diversion system only.



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