

FLOODSTOP Generic Assembly Instructions

**Version: October 2009
Author: STP**

If in doubt contact us at info@floodingsolutions.com.au or call 02 4474 4711

0.5m FLOODSTOP Assembly Instructions

Generic Assembly Instructions:

Online assembly instructions can be viewed at www.fluvial-innovations.co.uk (<http://www.fluvial-innovations.co.uk/video?clip=1>).

Product: 0.5m FLOODSTOP Straight Modular Units & Multi-hub
Application: Rapidly deployable flood barrier and delineator road traffic barrier



Please read the following instructions carefully before assembling the 0.5m high FLOODSTOP modular flood barrier.

0.5m FLOODSTOP units can be used on a number of ground terrains, including:

- Hard standings, such as
 - roads,
 - pathways,
 - pavements,
 - patios etc

Instructions

1. Inspect ground conditions and clear any debris.
2. Position modular units out in a linear position for the chosen barrier length. Do not apply any degree of movement until the barrier is fully assembled.

0.5m FLOODSTOP Assembly Instructions

3. Insert connection keys ensuring each key is fully inserted. The base of each connection key should be in full contact with the ground.



0.5m FLOODSTOP Assembly Instructions

Correct insertion should be validated in one of two ways:

- i. Lean two connected units over and visually inspect the seal.
- ii. Ensure that the universal key is raised by 35mm above the crest of modular units (this value depends on the seal configuration supplied – please speak to seller).



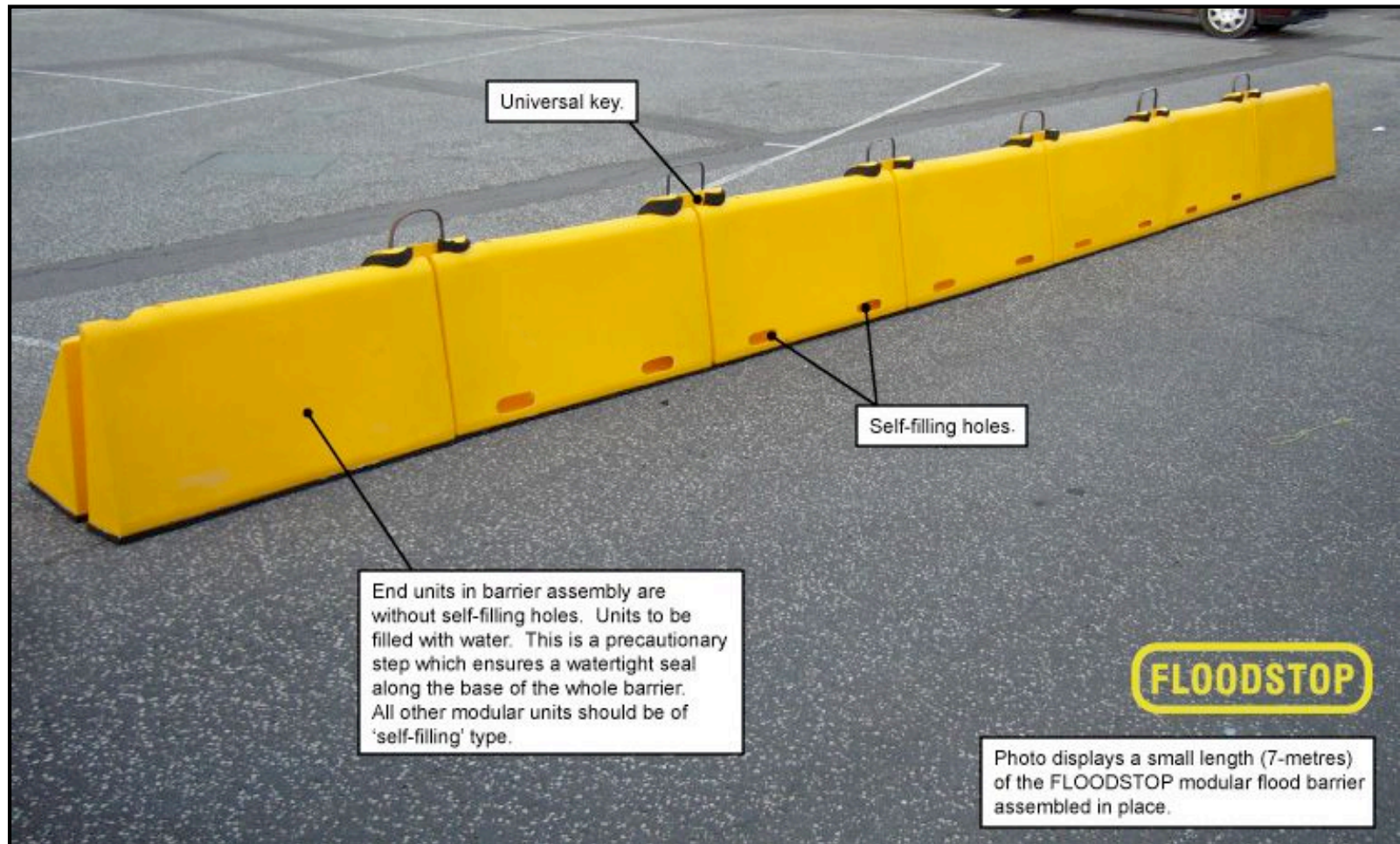
0.5m FLOODSTOP Assembly Instructions

Once the connection keys are in place curvature can be applied to the barrier if required.



0.5m FLOODSTOP Assembly Instructions

4. Fill 'pre-fill units' along the assembled FLOODSTOP barrier with water. This step ensures a preliminary seal along the base of the whole barrier. All other modular units should be of 'self-filling' type.

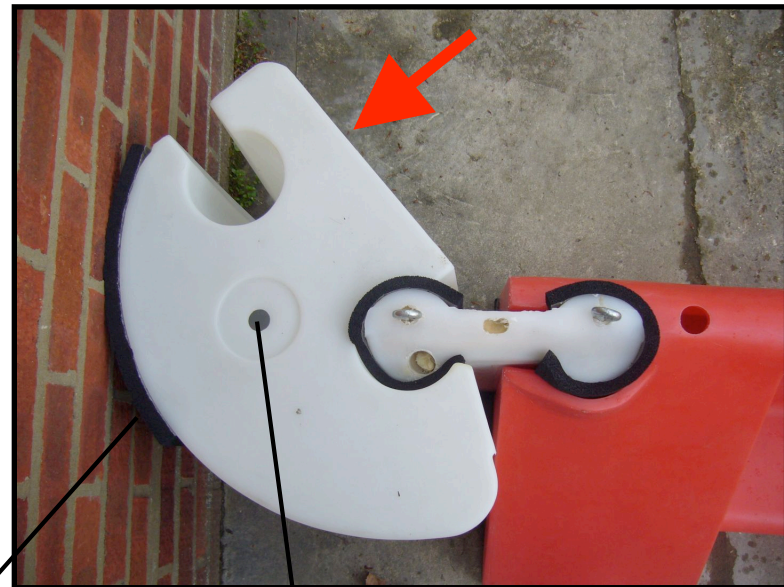


0.5m FLOODSTOP Assembly Instructions

5. To create a connection with an in-situ object such as a wall the Multi-hub unit should be employed. Simply connect the unit to the end of the assembled FLOODSTOP barrier:
- Rotate the Multi-hub unit into the wall, ensuring the vertical foam gasket is placed under pressure
 - Fill the Multi-hub unit with water, securing it in position.
 - If the flood water flow is expected to be significantly high, a wedge can be used to fix the rotation of the Multi-hub.



Foam located on side face of unit. Ensure it is placed under pressure when rotated.



Fill Multi-hub cavity with water ballast.

0.5m FLOODSTOP Assembly Instructions

Please note: The Multi-hub unit can also be used to create corners in any assembled FLOODSTOP barrier