Fitting Instructions for Temporary External Entrance Barrier

The Flood Barrier is designed as a replacement to sandbags. It is extremely efficient in most entrances and providing it is properly maintained can be re-used again and again.

The Flood Proofing Kit comprises:

1. A metal frame expanding both horizontally and vertically providing downward pressure **- see diagram (A).**
2. A rubber over-sleeve with a full rubber front and material outer layer **- see diagram (B).**
3. The rear of the over-sleeve allows access to the expander adjusters **- see diagram (C).**
4. A ratchet spanner **- see diagram (A1/A2).**
5. Water repellent sealant and gun **- see diagram (A3).**

Fitting your Barrier

By following the procedures in the correct sequence, the barrier will take approximately 2 minutes to install in position and will prove 99% effective in minimising water and silt intrusion.

STEP ONE : Ensure that your entrance is smooth and clean of dust and debris at the vertical and base area in preparation for positioning.
WARNING - Rough surfaces may damage the rubber over-sleeve.

STEP TWO : Place the barrier with its face **- see diagram (B)** facing towards the flood threat as close as possible to your entrance in a solid reveal.
WARNING - If you are not sure the reveal can withstand the forces that will be applied to it you MUST seek advice from a structural engineer.

STEP THREE : Keeping the unit in an upright position, apply downward pressure to the unit, whilst adjusting the horizontal expander **- see diagram (A/A1).**
WARNING - over extending the unit may weaken it and reduce its effectiveness. It is recommended that expansion **be no more than** 4½ inches. If a larger unit would fit the aperture, it **must** be used instead of over extending a smaller unit. If in doubt of the products suitability and appropriateness for your requirements, please seek clarification from your supplier. Floodgate, its associated entities and trading partners, cannot be held responsible for advice offered by a supplier.

STEP FOUR : Adjust each of the 4 downward pressure bolts to a maximum depth of 7mm to compact the neoprene jacket along the ground **- see diagram (A/A2).**
WARNING – do not fully tighten these bolts as this will prevent further adjustment if required.

STEP FIVE : Water repellent sealant may be used, in accordance with the manufacturer's instructions, on the exterior edges of the frame to ensure a complete seal **- see diagram (A3)**

After-use Maintenance Instructions

1. Return the horizontal and vertical operating mechanisms to their closed position.
2. Remove the unit from its position.
3. Remove the neoprene jacket and wipe clean. Examine for damage caused by stress, use or wear and tear. Repair or replace as necessary.
4. The jacket can be hand or machine washed in warm water (40°)
   - rinse in cold water and hang to dry in shaded area. DO NOT TUMBLE DRY.
   Material content: 80% Polychloroprene and 20% Polyamide.
5. Dry off excess moisture from the metal frame. Examine for damage caused by stress, use or wear and tear. Apply a rust proofing oil or grease to all expandable mechanisms.
6. Once all parts of the unit are dry, replace the rubber envelope over the metal frame such that access can be made to the adjusting mechanisms.

Storing your Floodgate

1. Store the unit in a secure location and only allow access by a responsible adult.
2. The unit should be stored in its closed and upright position.
   DO NOT STORE IN AN EXPANDED STATE.
3. Store the unit and its accessories in a dry and well ventilated area.
   DO NOT STORE IN DIRECT SUNLIGHT.
   DO NOT EXPOSE THE PRODUCT TO EXTREME TEMPERATURES AND KEEP AWAY FROM NAKED FLAMES.
4. If you are storing more than one unit and do not intend using the original packaging, the gates must be stored face to face - The face as shown in diagram(B).
   DO NOT STORE FACE TO BACK OR BACK TO BACK AS THIS CAN DAMAGE THE PRODUCTS.
5. Review the unit and its mechanisms periodically to ensure that the conditions of storage have not reduced its effectiveness.

Diagram (A)

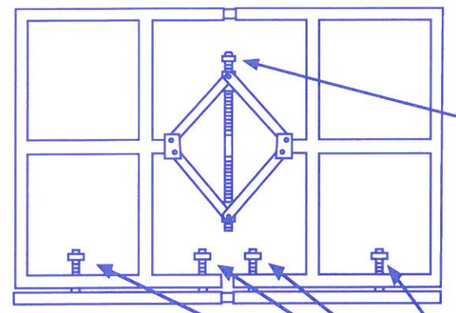


Diagram (A1)

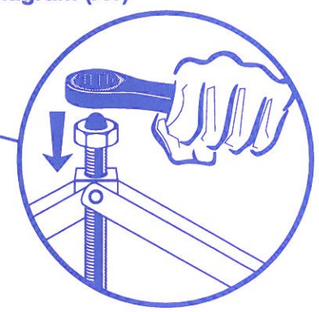


Diagram (B)

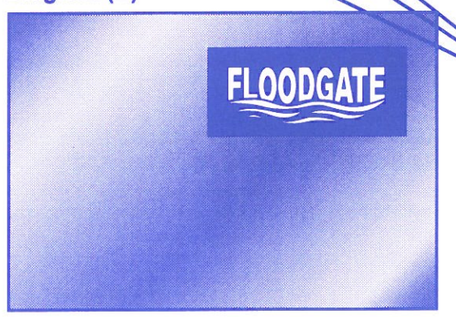


Diagram (A2)

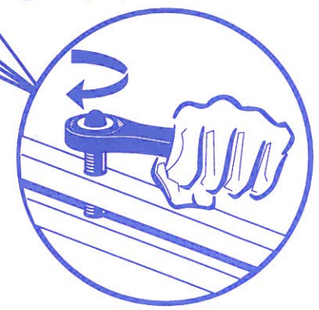


Diagram (C)

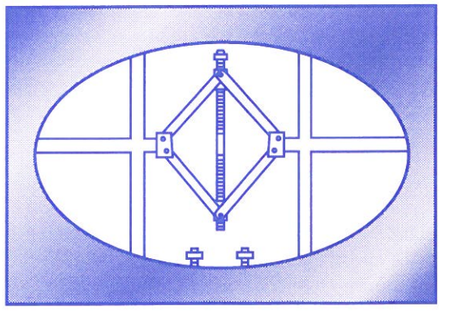
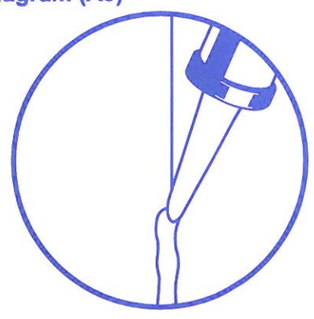


Diagram (A3)



IMPORTANT INFORMATION

1. **Do not** handle the unit in an electrical storm.
2. **Do not** apply excessive force to any of the adjusting mechanisms on this product.
3. The unit must not be used in extreme temperatures and must be kept away from naked flames at all times.
4. **Do not** apply to the unit, solvents or other chemicals with which it may react.
5. The unit should only be installed by a responsible adult.
6. Metal finishing on this product can be sharp. You must wear suitable protection about your person whenever handling the product.
7. Ensure that whilst adjusting the unit, all limbs, loose garments and other personal accessories are kept clear of the moving parts.
8. The unit must not be used if damaged or incomplete.
9. This product is only to be used for the purpose for which it was designed and manufactured.
10. Floodgate, its associated entities and trading partners, do not accept responsibility for any loss or damage caused by improper fitting or use of this product.
11. Floodgate, its associated entities and trading partners, do not accept responsibility for any loss or damage caused by the ratchet spanner or water repellent sealant and gun.
12. These products have a finite life and Floodgate, its associated entities and trading partners, do not accept responsibility for any loss or damage resulting from the deterioration of these products.

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PRODUCT WARRANTY

Floodgate warrants that its Flood Proofing Kit will be free from defects in materials or workmanship on the date of shipment by Floodgate. Floodgate's exclusive obligations under this Warranty are as follows: if within 12 months from the date of purchase, Floodgate determines, upon inspection, that a Flood Proofing Kit was defective in materials and/or workmanship on the date of shipment, Floodgate will repair or replace any Kit that Floodgate determined was so defective. Whether repair or replacement is appropriate is a decision Floodgate shall make in its sole discretion.

Except for this Warranty, Floodgate makes no express warranties regarding its Flood Proofing Kit, does not guarantee the performance of this product, and specifically disclaims all implied warranties, including but not limited to the implied warranty of merchantability and the implied warranty of fitness for a particular purpose. No representative of Floodgate may change or alter this Warranty.

Exclusions From Warranty Coverage

Because Floodgate's Warranty is only against defects in materials or workmanship existing on the date of shipment by Floodgate, this Warranty does not apply in the following circumstances:

1. Floodgate's Flood Proofing Kit has been modified in any manner, installed in an improper manner, or improperly maintained; and/or

2. Floodgate's Flood Proofing Kit was damaged or mishandled after shipment by Floodgate, including but not limited to damage sustained as a result of repair not authorized by Floodgate.

It is important to follow Floodgate's fitting/installation and maintenance instructions.

Warranty Service

Applications for repair or replacement of the purchase price for any Floodgate Flood Proofing Kit must be made to Floodgate in writing within 30 days of knowledge of any problem or alleged problem with the Floodgate product, and no later than 12 months from the date of purchase, at the following **e-mail address: sales@floodgate.ltd.uk** or the following street address: Floodgate Ltd, 49-51 Lammas Street, Carmarthen, Wales UK, SA31 3AL. Floodgate can also be reached by phone at 01267 234205, although all applications for warranty service must be in writing. If it is necessary for a Flood Proofing Kit to be returned to Floodgate for evaluation, the cost of shipping for such return is the responsibility of the user or owner of the Kit(s) in question.

Limitation on Liability

In no event shall Floodgate have any liability beyond repair or replacement as selected by Floodgate, whether in contract or tort or for breach of warranty, for damages or losses of any kind or nature directly or indirectly caused in whole or in part by Floodgate's Flood Proofing Kit, including but not limited to damages to property, damages for inconvenience or delay, damages for lost profits or business interruption, or direct, indirect, incidental, consequential, special, exemplary, or punitive damages. The limited remedies herein, which Floodgate has discretion to choose, are exclusive.

Choice of Law

Floodgate's Warranty shall be governed and construed under English law without giving effect to any principles of conflicts of law. Any claim by the purchaser or user of the product covered by Floodgate's Warranty, whether in contract or tort or for breach of warranty, shall be governed by English law, without giving effect to any principles of conflicts of law.

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Fitting Instructions

Important Information

- We recommend that each Floodgate unit is placed in situ during dry conditions and tested using a hosepipe (or similar) so that you can familiarise yourself with the operating mechanisms and to ensure that floor and walls are sufficiently smooth, square and even to help achieve a tight seal.

- The safety advice given by the emergency services should always be adhered to during flood conditions.