



M A N U A L

FLOODGATE



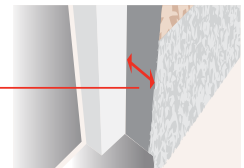
To help achieve an effective seal, walls need to be plumb, parallel with one another and at right angles to a level step/ground. Walls need to be sufficiently strong to cope with the lateral pressure exerted by the barrier.



Contact surfaces should be smooth, even and in good condition.

Floodgate's rubber cover is designed to work with surfaces such as brick, as long as the pointing is flush.

A minimum clear depth of reveal of 1.5in is recommended.








Rough, uneven surfaces can damage the cover.



If you are not sure the contact surfaces can withstand the pressures being exerted you MUST seek advice from a qualified professional.

Prior to deploying, remove any packaging from the cover and ensure the steel frame is fully closed. Carefully place the cover over all four edges of the frame (see diagram).




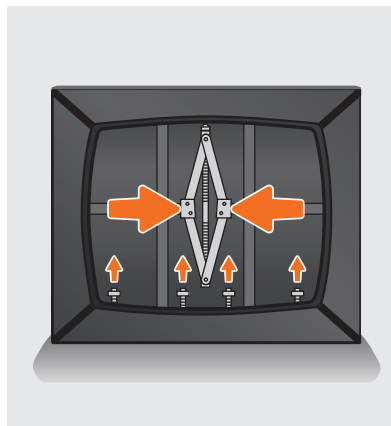
-  **Avoid lifting the barrier by its cover and/or dragging along the ground.**
-  **Metal finishing on this product can be sharp. Suitable gloved protection should be worn whenever handling and operating the product.**
-  **When operating the unit ensure all limbs, loose garments and other personal accessories are kept clear of the moving parts.**
-  **This product should only be installed by a responsible adult.**
-  **Floodgate units can be heavy - please take care when lifting.**



STEP 1

Ensure the entrance is clear of dirt and debris.

-  Debris can perforate the cover and undermine the integrity of an effective seal.



STEP 2

In preparation for positioning your Floodgate, ensure the central scissor jack on the rear of the Floodgate has been retracted to its closed position and the 4 down pressure bolts have been fully loosened.



STEP 3

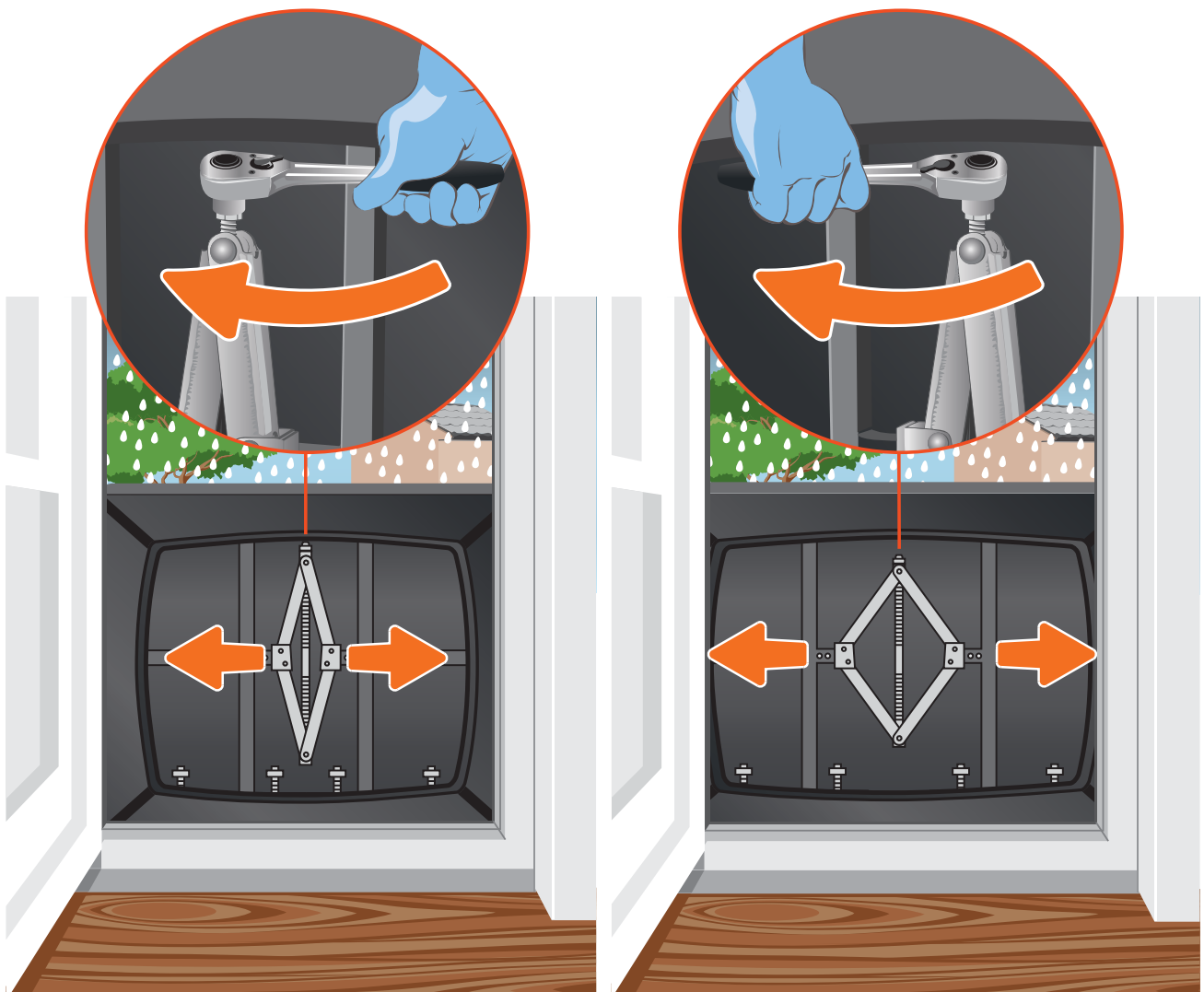
Standing behind the Floodgate, position it with its front facing towards the flood threat, and its rear vertical edges in contact with the door frame.

STEP 4

Keeping the barrier in a vertical position, use the supplied 17mm wrench to turn the bolt situated at the top of the scissor jack with a clockwise action, expanding the barrier horizontally into the walls of the reveal.

Once sufficient pressure is applied, the Floodgate will resist any attempt to manually move from its position.

Ensure the corners of the cover are positioned into the corners of the frame when expanding to achieve a uniform expansion.

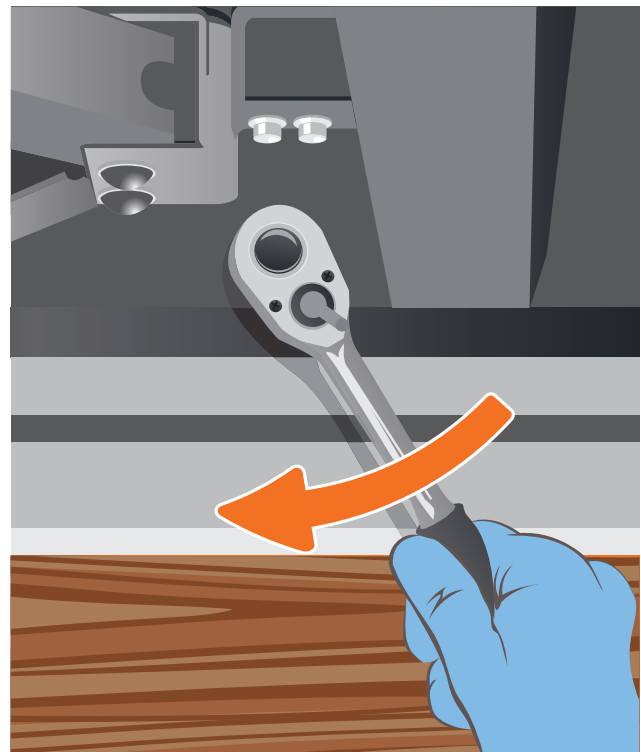
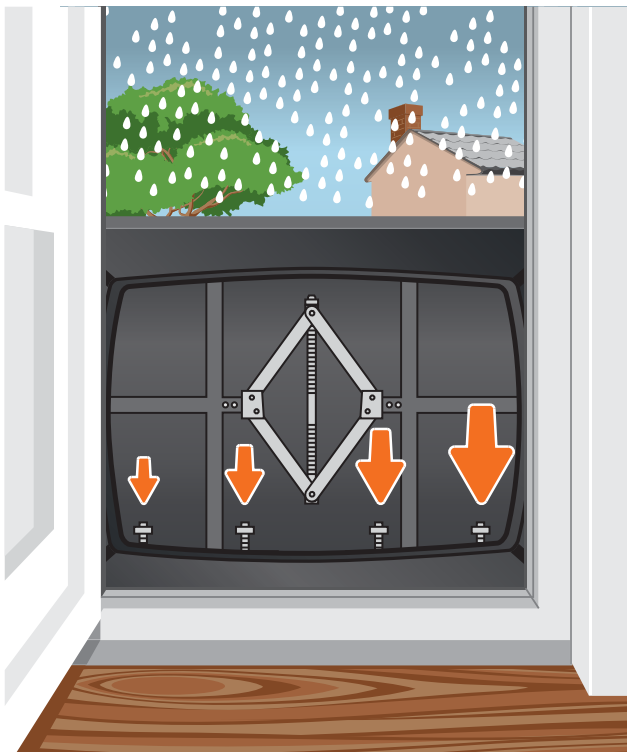
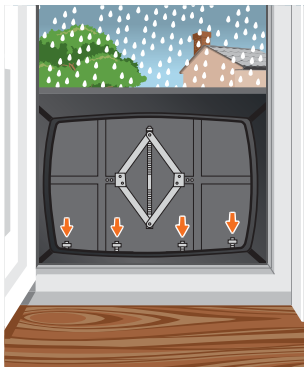


Using excessive force may result in damage to the product or doorway.

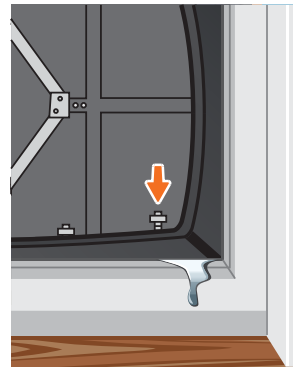
STEP 5

Starting with one of the downward pressure bolts located closest to the sides of the barrier, adjust downwards, with a clockwise action, firstly with your fingers and then 1 turn with the 17mm wrench. ⚠ Do not keep tightening as this will cause the unit to rise.

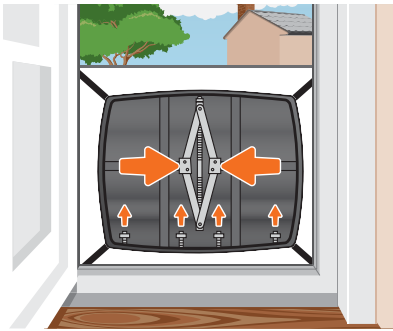
The bolt should be adjusted until it offers resistance and the cover has been compressed sufficiently to create a seal along the floor.

**STEP 6**

Repeat STEP 5 for the remaining bolts until they have all been adjusted accordingly.

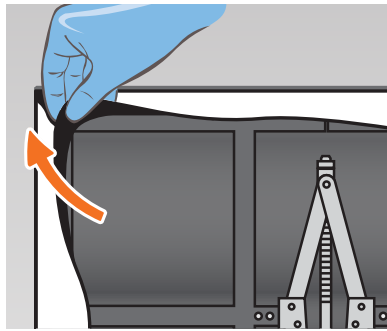
STEP 7

Further adjustment may be required to the operating mechanisms for example, if slight seepage occurs adjust the bolt closest to stem the flow.



Once the flood threat has passed, loosen the 4 downward pressure bolts and scissor jack, returning the barrier to its unexpanded state.

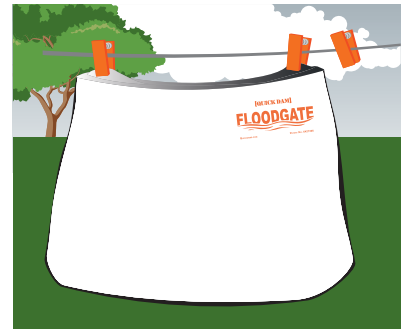
Remove the barrier from the doorway.



Carefully remove the cover and wipe clean with a damp cloth.

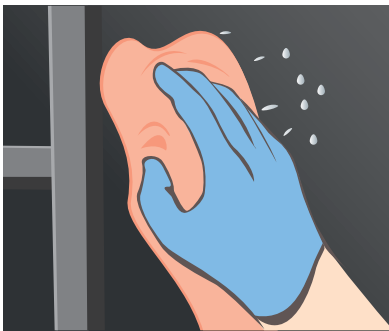
A hosepipe at a low pressure, can be used to wash contamination from the cover or wash in a lukewarm water with a small amount of non biological detergent.

 **Do not machine wash or tumble dry.**

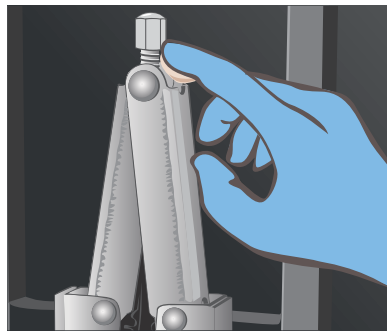


Dry in a shaded area, out of direct sunlight. Prior to storing, examine for potential damage. Repair or replace as necessary.

NOTE - some deformation of the cover may be seen after use. This is natural and the material will usually return to a normal state within a few days.

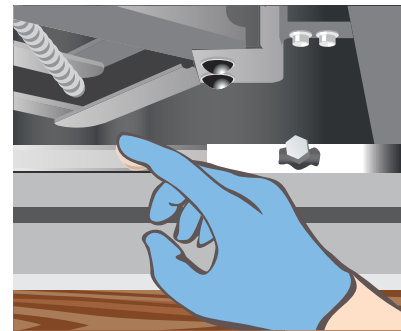


Remove excess moisture from the metal frame using a clean cloth. Examine for damage caused by stress, use or wear and tear, paying particular attention to the operating mechanisms.



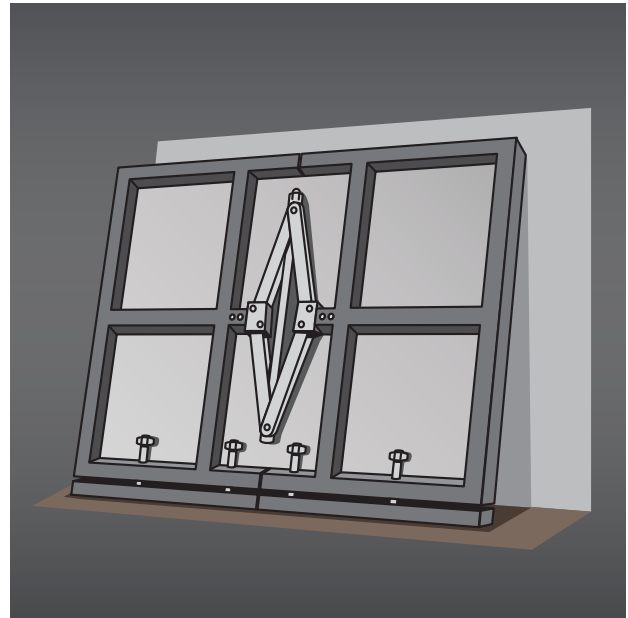
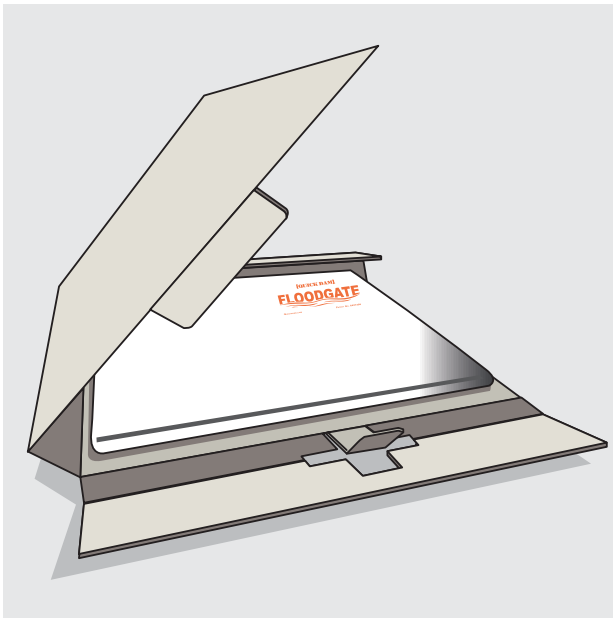
Apply marine grease (or similar) to all moving parts. Remove excess.

NOTE - you may need to open the barrier to grease the scissor jack and internal sliding parts. Fully retract after greasing so the cover can be easily placed over the frame when next needed.





All component parts of the Floodgate system should be stored in a cool, dry, well ventilated and secure environment, away from direct sunlight and temperature extremes.



Once the cover is completely dry, lay flat in the original box. Cardboard inserts may be used to help the cover hold its shape. Store the box flat and off the ground to avoid accidental damage.



Store the steel frame in an upright position.



Periodically (and at least every 6 months of non use), examine the frame and cover to ensure they remain fit for purpose and operate correctly.



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