

FLOODSTOP



Nautilus® 400 Flood Barrier System - under 2500mm wide

How to assemble the Nautilus® 400 up to 2500mm wide:



When the barrier is not deployed, the opening remains unobstructed allowing full access as and when required.



We can powder coat the permanently attached vertical side rails in a RAL code of your choice to suit the surroundings.

When the threat of flooding becomes apparent, commence the deployment by sliding in the flood boards. This flood barrier is 1200mm high so 3 panels are deployed.



- The board that seals to the ground has a thick ground gasket along the length of the horizontal flood board.
- Inside both of the vertical side rails there are 2 thick gaskets; one at the front and one at the back, these gaskets seal to the flood boards when the compression system is deployed.
- There are gaskets along the entire length of each horizontal flood board.

When all the components of the Nautilus® 400 system are in position and the compression system is deployed, all the gaskets are compressed down to the ground and back against the flood boards to create a water-tight seal.

Floodstop Limited

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**Nautilus® 400 System up to 2500mm wide.
Suitable for residential and commercial use:**



920mm wide x 800mm high (2 panels) with 75mm packers to bring the flood barrier forward to clear the door cill. Face fixed.



1800mm wide x 800mm high (2 panels) This flood barrier system is face fixed.



2000mm wide, 1125mm wide and 2100mm wide. All are at 1600mm high (4 panels). All are face fixed with 100mm deep packers to bring the flood barriers forward to clear the door cills and security entry pads.

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Reveal fix:

Fitted inside the recess of the opening to be protected.



Face fix:

Fitted to the face of the brick at either side of the opening to be protected.

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Nautilus® 400 Flood Barrier Systems up to 2500mm wide Component Parts

Vertical Side Rails

The permanently fixed side rails are available in two forms, either "reveal fix" which means fixing in between the reveals/brickwork of the doorway or "face fix" which means fixing onto the face of the brickwork.

Compression Blocks

The compression block is inserted into a recess in the fixed vertical side rails at each side of the opening and is used to ensure adequate downward pressure is applied to each end of the barrier.

Panel Sealing Screws

The panel sealing screws protrude through the fixed vertical side rails to secure the aluminium panels against the rubber seals on the inside of the rails to prevent any flood water ingress.

Panel Extrusion

Each individual panel is 400mm high x 25mm thick and is supplied with rubber seals to prevent water ingress.

Compression Post

The compression post is utilised for Nautilus® 400 barriers that span distances between 2000mm and 2500mm depending on the location and the required flood barrier height. This component ensures that adequate downward pressure is applied along the entire barrier length.

**This product carries the British Standard Accreditation PAS 1188-1: (2014) and
PAS 1188-4: (2014) Certification Number: 156848A**



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