



Stop Log Barrier System

Installation Guide



At M3 we are continually searching the Globe for new technologies and working processes that we can harness to enable us to deliver Innovative solutions that benefit the Environment and provide enhanced value to our Clients

M3 Global Flood Technologies Ltd. 9a Wassage Way, Hampton Lovett Ind Est, Droitwich Worcestershire WR9 0NX. **Tel: +44 (0)1905 676467 Email: sales@m3floodtec.com**

www.m3floodtec.com

Contents

Introduction	4
Installation	6
Deployment	9

■ Introduction

Stop Log Barrier System

Lightweight, robust and versatile, designed to span wide distances and easily deployed in a flood situation.

The M3 Stop Log Barrier is suitable for use on residential and smaller commercial properties to protect doorway apertures against water ingress.



■ Installation - Wall Rails (Face & Reveal)



1. Clean walls and base with brush and ensure that there are no raised obstructions that could affect the final position of the wall post.



2. Confirm previously made measurements of opening widths.



3. If top and bottom gaps vary, take the smallest size. You must ensure that finished rails are totally vertical.



4. Place EPDM rubber wall post sealing pad in position so that wall post will compress and seal to the pad when fixed.



NOTE: The vertical D-seal is supplied so that its position is retained, so that it is longer than the wall post. This is to ensure that when the wall post is positioned onto the EPDM pad the D seal will also seal into the pad.



5. Use packing shims (normally for double glazing) easily available from builders merchants - so if narrow at bottom, pack out at top - if narrow at top pack out at bottom.



6. Mark hole positions - drill holes and insert plugs to suit 6 x 50 screws ensuring that the wall post is compressing the EDPM pad.



7. Using CT1 Adhesive sealant (available from your local merchant) apply in two continuous lines down the full length of wall post back.



SUGGESTION: - prior to the application of the CT1 use some masking tape along the sides that will have CT1 applied to seal the edges. This will allow excess CT1 to be kept away from sides and threaded holes and give a neat tidy finish to the finally applied areas.



8. Hold the post in position, with back against the wall, so fixing screws can be inserted into top and bottom holes.



9. Using spirit level and packing shims, tighten all screws and ensure that finished wall post is completely vertical.

■ Installation - Wall Rails (Face & Reveal)



10. Apply extra CT1 to all exposed edges to completely seal the verticals and finish the aesthetic look of the installation



11. Trim off excess edges of EPDM pad under wall post and, if required, apply CT1 sealant adhesive in cases of 'rough' ground, without obstructing inner opening.

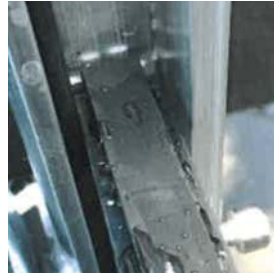
■ Deployment (Face and Reveal)



1. Panel 1 is lowered into position ensuring it is correctly positioned with the thicker dual harness seal at the bottom of the panel.



2. Panel 2/ 2a is lowered into the Panel 1 ensuring the lower section completely engages with the top of the panel below, completely covering the lower panel/s to top seal.



3. It is important to check that both ends of the middle seal extend completely to either end of the panel. If they are short there is a chance that they will not seal to the vertical D-seal on the post.



4. Panel 3 is lowered into position, also ensuring its bottom groove engages with the top of the middle panel.



5. Once all panels have been pushed down so they fully engage with each other, the compression blocks can be inserted and their bolts can then be finger tightened - do not use tools at this stage.



6. Push all panels towards the back of wall post, onto the vertical D seal and then, again by finger tightening only, ensure all the panels are firmly pushed against the vertical D seal.



7. Using the T-Bar tool supplied, apply two full turns to the vertical compression screws.



8. Starting from the bottom panel upwards, give the horizontal compression screws one full turn, the left and then the right, working up to the top.



9. Once this is completed your Stop Log barrier System will be ready to protect you and your property.



WARNING:
DO NOT OVER
TIGHTEN

- * Panel 1 is determined by the fact it has two seals - top and bottom.
- * Panel 2 is determined by the fact it has only one middle seal on the top.
- * Panel 2a is an additional Panel 2 for barriers with more than 3 panels.
- * Panel 2 is determined by the fact it has no seals.

Any questions? Contact M3 Floodtec on +44 [0]1905 676467



M3 Global Flood Technologies Ltd.
9a Wassage Way, Hampton Lovett Ind Est
Droitwich, Worcestershire WR9 0NX

Tel: +44 (0)1905 676467

Email: sales@m3floodtec.com

m3floodtec.com