

HYDRODOOR

USER GUIDE AND GUARANTEES

CONTENTS

- Product Quality Statement
- Product Features
- Flood Protection Survey/Risk Assessment Statement
- Operation/Troubleshoot Guide
- Maintenance
- Cleaning
- Guarantee
- Key Contacts

Product Quality Statement

This product has been tested against the standard set of tests as defined in PAS 1188-1:2014 which represent typical conditions that might be experienced during a flood in the UK. This includes testing the product for leakage under static waters levels of 600MM above aperture threshold level, waves up to 0.1 meter high and parallel currents up to 1.0 m/s. The testing undertaken under this PAS excludes all other components of the flood protection system.

This Flood Product is designed to withstand the presence of flood water to a maximum of 600mm in height and is intended to be used on domestic properties in flood risk areas. It is applicable to the types of flooding that the product has been tested to in accordance to PAS 1188-1:2014. The need for advance warning of flooding in your area is advisable.

Conformance of the product to PAS 1188-1:2014 does not mean it is suitable for all buildings or locations. If the user has any uncertainty about the suitability of a product they should seek professional guidance.

Product Features

HydroDoor has been designed and tested for the temporary mitigation of flood risk on Domestic Properties and should be seen as part of a suite of measures to reduce the risk of flood water entering a property.

HydroDoor features include:

- Rehau UK Ltd fully reinforced Frame/Sash Profile manufacture.
- MACO UK Ltd Multi-point locking mechanism design
- Reinforced Panel design – various
- Elongated handle for easy manual operation
- ABS Security Barrels fitted as standard
- Full gasket seal
- Tested to PAS 1188-1:2014 to DMWD of 600mm and width of 900mm. The maximum permitted leakage rate is 0.5 l/m/hr
- Can be installed into Brick, Stone, Render and other types of apertures subject to survey.

Flood Protection Survey/Risk Assessment Statement

It is recommended that a Flood Protection Survey/Risk Assessment is carried out by a suitably qualified building surveyor, architect, structural engineer, civil engineer or those deemed competent prior to installation of the door to ensure the relevant routes of water entry have been identified and that the structural integrity of the building is not compromised by the flood protection product. This flood protection product is appropriate for domestic property locations. Please be aware that floods may contain saline or contaminated waters and be at risk from pollutants such as hydrocarbons and solvents and this should be clarified in a flood survey. Details of Web links are available at the end of this guide for professional bodies that you may need to contact for further information.

Operation Guide

Your Hydrodoor has a quality MACO hook bolt lock.

The lock is part of a multipoint construction operated by elongated lever handles.

It is of paramount importance that the door is in the locked position in a flood situation.

Please read the following instructions carefully to ensure the correct operation of your new door.

TO LOCK THE DOOR:

1. Close the door and lift the lever handle. This will engage the locking points.
2. Turn the key ABS cylinder one complete revolution. The Door is now locked.

TO UNLOCK THE DOOR:

3. Turn the key ABS cylinder one complete revolution. The door is now unlocked.
4. Depress the lever handle to disengage the locking points and open the door if necessary.
5. The handle and the key must not be operated at the same time.

Troubleshooting

The Ark Flood Defence Door locking and hinge mechanisms are set in the manufacturing process. It is important that any adjustments to the door are carried out by the Installer. Any problems such as the door not locking or issues with locking etc PLEASE CONTACT YOUR INSTALLER!

Maintenance Guide

The Hydrodoor has been fitted with a high quality locking system from MACO UK. The following are some simple yet essential maintenance instructions.

1. The door locks main lock casing which is hidden within the door is supplied with a high performance lubricant and does not require any further lubrication.
2. The centre latch and deadbolt must be lubricated once Monthly with a technical petroleum gel or lubricant grease.
3. Locking bolts, hook locks and locking cams and other visible moving parts must be lubricated once Monthly.
4. DO NOT use any rust removers, silicone sprays or similar.
5. It is recommended that petroleum gel is placed on the external gasket seal of the panel as an extra precaution prior to a Flood Situation.

6. Although not necessary, you may as a Monthly procedure test the seal of the door up to 600mm by using the hosepipe method with the door in its locked position.

7. The Flood Door is Fully Recyclable on life expired. Please contact the manufacturer for recycling information.

Cleaning Instructions:

Please adhere to these simple cleaning instructions to avoid damage to the surface finish.

1. Cleaning should be carried out to remove debris and grime from your door.
2. We recommend the use of a mild detergent solution and soft cloths.
3. We do not recommend the use of abrasive cleaning pads or scourers.

Guarantee

Hydrodoor carries a 1 year manufacturer's defect Guarantee from the date of installation. Any repairs or servicing after the guarantee may be charged parts and labor. The Design Life of this manually Operated product is determined by the correct maintenance regime which is essential with regards to this guarantee (see maintenance and cleaning instructions above). If these instructions are adhered to then you will enjoy this product for the full period. If after a flood event you experience difficulty with this product please contact the Installer.

This guarantee DOES NOT COVER that your home will be completely protected from any and all flood events. The Flood Company Commercial Ltd take NO responsibility or liability for any damaged caused in the event of a flood.

This product has been tested to PAS 1188-1:2014 to a depth of 600mm at a testing facility. Floods over 900mm may cause structural damage to your property. This product should be part of a suite of measures subject to survey. The Flood Company Commercial Ltd are not responsible for the incorrect deployment or installation of this product. This Flood protection product is appropriate for domestic property locations.

Key Contacts

www.gov.uk/prepare-for-a-flood-plan/make-a-flood-plan

www.thefloodcompany.co.uk

www.nationalfloodforum.org.uk

www.scottishfloodforum.org

www.thefpa.org.uk

www.property-care.org

www.knowyourfloodrisk.co.uk

www.ricsfirms.com

www.abi.org.uk

The Flood Company Commercial Ltd

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t: 0800 999 53 55

www.thefloodcompany.co.uk