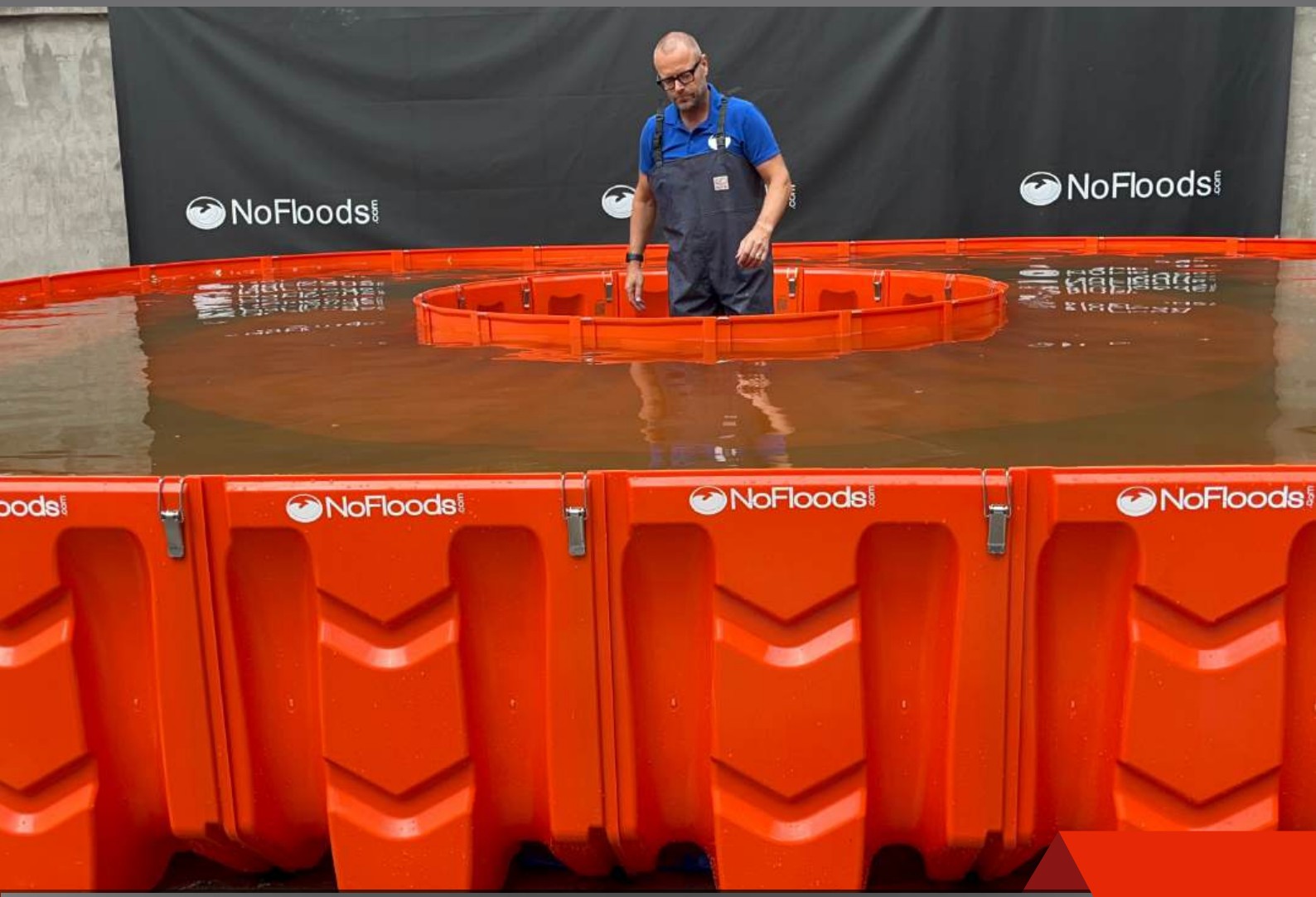
NoFloods
By Environment Solutions



NOFLOODS ABSBARRIER

PRODUCT CATALOGUE 2024-2025

Self-sustaining modular flood barrier engineered to protect urban structures from flood damage

NoFloods ABSBarrier

Strength in Water, Security in Design

The NoFloods ABSBarrier presents an easy approach to flood protection, harnessing the weight of water for its installation without the need for pumps or other equipment. This freestanding modular barrier system can be easily deployed on various surfaces before or during floods, leveraging floodwater as natural ballast to firmly anchor itself to the ground.

With its lightweight construction, deployment of the system is swift and uncomplicated, eliminating the need for specialised personnel.

Each module, available in widths from 70 cm to 1 meter, easily connects to adjacent units, forming a continuous and adaptable flood protection system. While the connection system varies slightly between models, the principle remains consistent.

The NoFloods ABSBarrier features specialised inward and outward corner modules that ensure optimal alignment and stability when forming curves and bends. These corner modules are specifically engineered to provide seamless transitions at corners, allowing for secure connections and smooth alignment even in complex configurations.

The barrier is optimised for urban settings with even asphalt surfaces. However, due to the detachable soft membrane on the FIN models or the additional use of the specialised NoFloods Membrane, the NoFloods ABSBarrier can be deployed across diverse terrains susceptible to seepage like grass, gravel, and sand.

No additional tools are required for installation. However, in windy conditions, additional ballast can be placed at the base of each ABSBarrier for stability until the floodwater anchors it. Furthermore, the stackable design of the NoFloods ABSBarrier facilitates efficient transportation and storage, minimising space requirements.

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NoFloods ABSBarrier

Features & Benefits

The NoFloods ABSBarrier provides flexibility and versatility with its range of heights, allowing for efficient water containment up to 108 centimeters.

Material & Structure
Made from high quality ABS plastic and Injection molded with UV Protection ensure safe usage temperature of - 20 to + 35 ° C.

Rapid Deployment
The intuitive design with its quick click'n'connect locking mechanism units allows for rapid deployment.

Light weight
From 4 kg - 13 kg depending on model and protection height ensure easy installation.

Protection
The integrity of NoFloods ABSBarrier ensures efficient protection against flood water.

Sealing Off Leakage
The foam on the bottom of the NoFloods ABSBarrier increases the friction and creates a seal towards the installation surface minimising the risk of potential leakage.

Infinite Extension
The NoFloods ABSBarrier can be extended infinitely. Additionally models of different height can be connected using the NoFloods Membrane creating a barrier tailored to the specific need.

Optimised Storage
The compact and stackable design of the NoFloods ABSBarrier ensures that the barrier takes up minimal storage space.

Sustainable
Due to the high quality ABS plastic with UV protection the NoFloods ABSBarrier can be reused again and again.

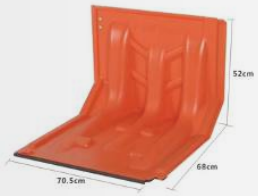
The NoFloods ABSBarrier is designed and manufactured using high-quality ABS plastic and advanced production technology, ensuring seamless construction and optimal compression stability. This precision-engineered process guarantees the structural integrity of each barrier, making it highly resistant to deformation or failure during use.

NoFloods ABSBarrier

Models 50-55

The NoFloods ABSBarrier solutions offers various protection heights and formation using our selection of models suited to your specific installation environment. For installation on uneven surfaces we recommend using the NoFloods membrane.

NoFloods ABSBarrier AB T50



NoFloods ABSBarrier AB T50-ST
BW-DZ43 Straight module
W 70.5 cm x D 68 cm x H 52 cm
Weight: 4.4 Kg
Protection Height: 50 cm

NoFloods ABSBarrier AB T50-IN
BW-DI43 Inward corner module
W 68-36 cm x D 68 cm x H 52 cm
Weight: 3.7 kg
Protection Height: 50 cm

NoFloods ABSBarrier AB T50-OU
BW-DO43 Outward corner module
W 40-73 cm x D 68 cm x 52 cm
Weight: 3.1 kg
Protection Height: 50 cm

NoFloods ABSBarrier AB T50-EN
BW-DB43 End module - Left and Right
W 28 cm x D 68 cm x H 52 cm
Weight: 6.9 kg ± 5%
Protection Height: 50 cm

NoFloods ABSBarrier AB D55 FIN

NoFloods ABSBarrier AB D55F-ST
BW-FZ90 Straight module
W 90 cm x H 55 cm x D 75 cm
Weight: 5.5 kg
Protection Height: 53 cm

NoFloods ABSBarrier AB D55F-IN
BW-FE90 Inward corner module
W 85-195 cm x H 55 cm x D 64 cm
Weight: 7.4 kg
Protection Height: 53 cm

NoFloods ABSBarrier AB D55F-OU
BW-FA90 Outward corner module
W 95-190 cm x H 55 cm x D 62 cm
Weight: 7.4 kg
Protection Height: 53 cm

Determining the Number of ABSBarriers Required AB T50 and AB D55 FIN

When connected, each ABSBarrier overlaps by approximately 4-9 cm, depending on model and the angle used. Angled pieces add some length but are generally used to navigate around obstacles or make turns, and should not be included in the quantity calculation for your barrier. See following guidance examples for straight line deployment:

To make a 10 meter NoFloods ABSBarrier: Use 16 pieces of AB T50 or 12 pieces of AB D55 FIN
To make a 20 meter NoFloods ABSBarrier: Use 32 pieces of AB T50 or 24 pieces of AB D55 FIN
To make a 30 meter NoFloods ABSBarrier: Use 48 pieces of AB T50 or 36 pieces of AB D55 FIN

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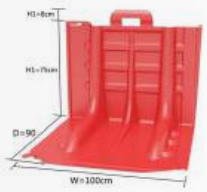
NoFloods ABSBarrier

Models 75-80

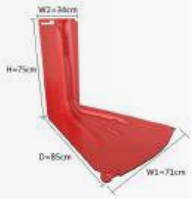
The NoFloods ABSBarrier features specialised inward and outward corner modules that ensure optimal alignment and stability when forming curves and bends. To create a 90-degree turn, three corner modules are required, ensuring a precise and stable connection.

NoFloods ABSBarrier AB S75

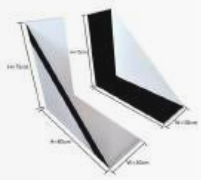


NoFloods ABSBarrier AB S75-ST
BW-DZ80 Straight module
W 100 cm x D 85 cm x H 75 (83)cm
Weight: 9.6 kg ± 2%
Protection Height: 73 cm

NoFloods ABSBarrier AB S75-IN
BW-DI80 Inward corner module
W 59-21 cm x D 85 cm x H 75 cm
Weight: 3.8 kg ± 2%
Protection Height: 73 cm



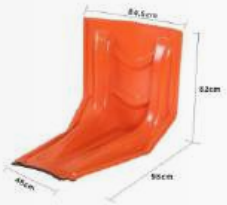
NoFloods ABSBarrier AB S75-OU
BW-DO80 Outward corner module
W 71-34 cm x D 85 cm x H 75cm
Weight: 3.8 kg ± 2%
Protection Height: 73 cm



NoFloods ABSBarrier AB S75-EN
BW-DB80 End module - Left and Right
W 30 cm x D 85 cm x H 75 cm
Weight: 3.5 kg ± 5%
Protection Height: 73 cm

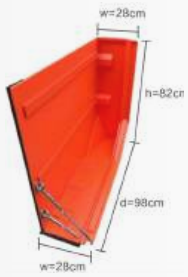
NoFloods ABSBarrier AB T80

NoFloods ABSBarrier AB T80-ST
BW-DZ20 Straight module
W 70.5 cm x D 98 cm H 83 cm
Weight: 7.7 kg
Protection Height: 81 cm



NoFloods ABSBarrier AB T80-IN
BW-DI20 Inward corner module
W 84.5-48 cm x D 101 cm x H 83 cm
Weight: 5.8 kg
Protection Height: 81 cm

NoFloods ABSBarrier AB T80-OU
BW-DO20 Outward corner module
W 48-86 cm x D 98 cm x H 82 cm
Weight: 4.3 kg
Protection Height: 81 cm



NoFloods ABSBarrier AB T80-EN
BW-DB20 End module - Left and Right
W 28 cm x D 98 cm x H 82cm
Weight: 11.5 kg ± 5%
Protection Height: 80 cm

Determining the Number of ABSBarriers Required AB S75 and AB T80

When connected, each ABSBarrier overlaps by approximately 4-9 cm, depending on model and the angle used. Angled pieces add some length but are generally used to navigate around obstacles or make turns, and should not be included in the quantity calculation for your barrier. See following guidance examples for straight line deployment:

To make approximately 10 meter NoFloods ABSBarrier: Use 11 pieces of AB S75 or 16 pieces of AB T80
To make approximately 20 meter NoFloods ABSBarrier: Use 22 pieces of AB S75 or 32 pieces of AB T80
To make approximately 30 meter NoFloods ABSBarrier: Use 33 pieces of AB S75 or 48 pieces of AB T80

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NoFloods ABSBarrier

Models 100-110

The modular system allows for quick setup and takedown, enabling easy adjustments and reconfiguration as needed. This flexibility ensures that the barrier can be deployed and removed with minimal effort, saving time and resources while offering reliable protection when and where it's needed.

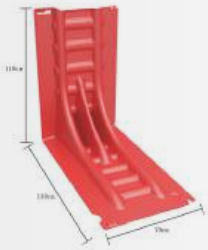
NoFloods ABSBarrier AB D100 FIN

NoFloods ABSBarrier AB D100F-ST
BW-FZ10 Straight module
W 105 cm x H 100 cm x D 110 cm
Weight: 14.5 kg
Protection Height: 98 cm

NoFloods ABSBarrier AB D100F-IN
BW-FE10 Inward corner module
W 95-256 cm x H 100 cm x D 120 cm
Weight: 18 kg
Protection Height: 98 cm

NoFloods ABSBarrier AB D100F-OU
BW-FA10 Outward corner module
W 302 cm x H 100 cm x D 145 cm
Weight: 18 kg
Protection Height: 98 cm

NoFloods ABSBarrier AB S110



NoFloods ABSBarrier AB S110-ST
BW-DZ30 Straight module
W 70 cm x D 130 cm x H 110 cm
Weight: 13.0 kg ± 2%
Protection Height: 108 cm

Determining the Number of ABSBarriers Required AB D100 FIN and AB S110

When connected, each ABSBarrier overlaps by approximately 4-9 cm, depending on model and the angle used. Angled pieces add some length but are generally used to navigate around obstacles or make turns, and should not be included in the quantity calculation for your barrier. See following guidance examples for straight line deployment:

To make approximately 10 meter NoFloods ABSBarrier: Use 11 pieces of AB D100 FIN or 16 pieces of AB S110
To make approximately 20 meter NoFloods ABSBarrier: Use 21 pieces of AB D100 FIN or 32 pieces of AB S110
To make approximately 30 meter NoFloods ABSBarrier: Use 33 pieces of AB D100 FIN or 48 pieces of AB S110

Installation Guide

Deployment, Extension & After Use

1 Barrier Orientation

Each NoFloods ABSBarrier features a system of connectors and receivers designed for easy assembly. While the specific locking mechanisms may vary by model, the connection process remains the same: first, secure the bottom connectors, then lock the top into place for a stable and reliable setup.

2 Connection of units

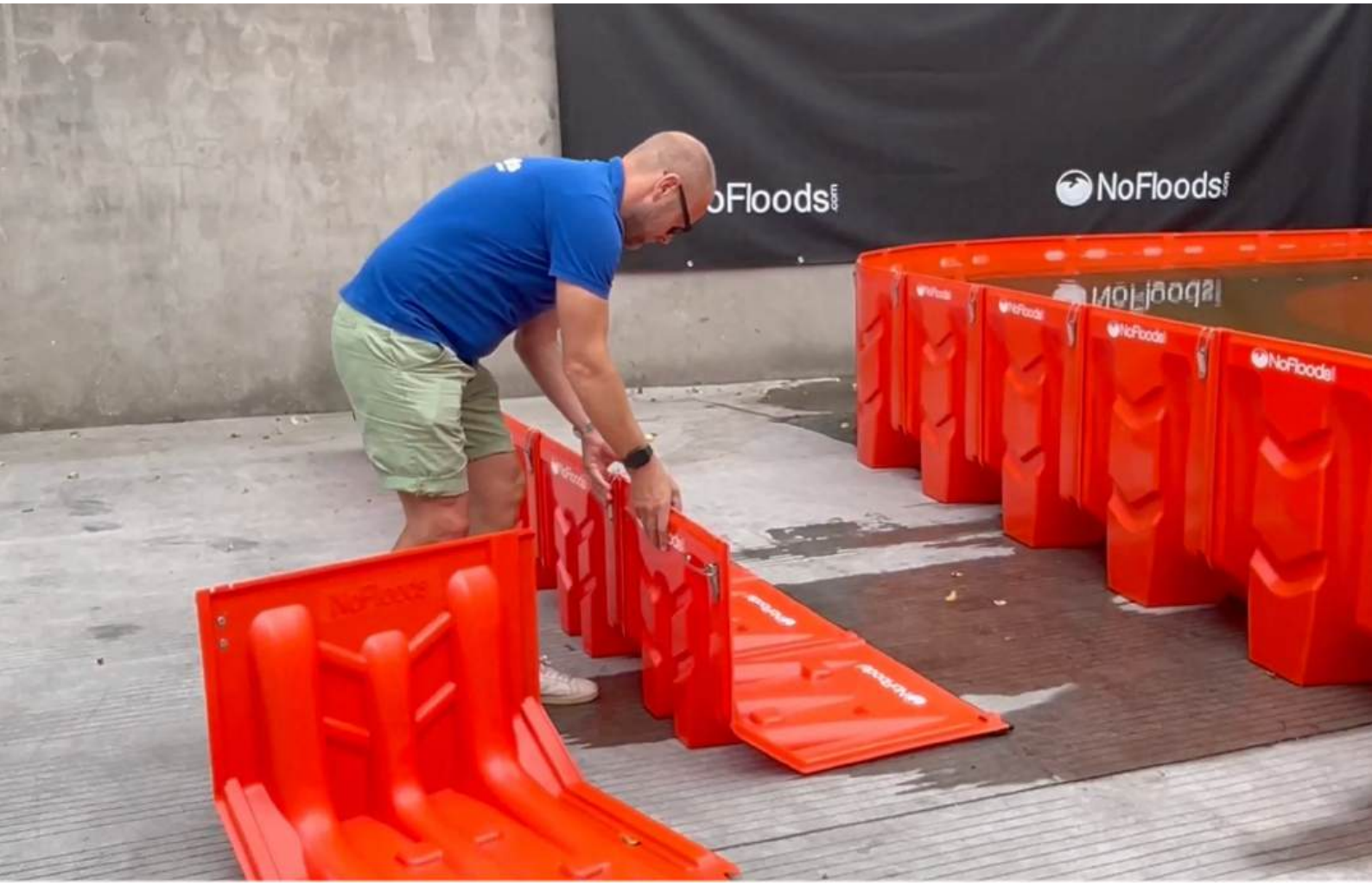
Start by placing the first NoFloods ABSBarrier in the desired position. To connect the next unit, tilt it at an angle and insert the bottom connector into the receiver. Then, lower the barrier into place and secure the top connection, following the same assembly principle.

Connecting & Locking

3

Continue connecting the barriers to achieve the desired length and configuration. The NoFloods ABSBarrier locking mechanisms allow for easy adjustments, ensuring a secure and flexible setup. For turns, the inward and outward corner modules provide a stable and precise solution, while the barrier can be neatly finished with an end module.

Example of top locking mechanism



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Disassembly

To disassemble the NoFloods ABSBarrier, start at the end unit. Depending on the model, you may need to unlock the top connection first. Then, simply lift and tip each unit to detach it from the next.

APPLICATIONS

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