

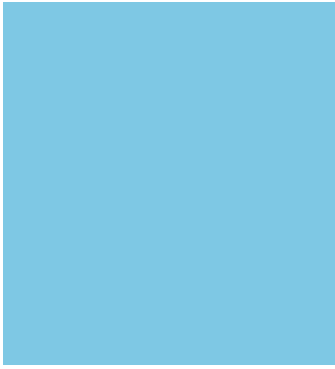
NOFLOODS BARRIERS

By Environment Solutions

COMPLETE CONFIDENCE IN ONE
SOLUTION
UNMATCHED PROTECTION
UNPARALLELED TECHNOLOGY



The preferred solution for flood
Effectively using the threat to create the solution



NoFloods Barriers

Takes action against flooding

On a global scale flooding is not only the most frequent natural disaster – it is also the disaster with the greatest economic and humanitarian impact in terms of number of people affected and in terms of economic asset exposure.

It is estimated that the global economic exposure to both river and coastal flooding, based on population density and land use, is on range of \$ 30-40 trillion. Based on a range of factors including both climate changes, rising sea levels and growing urbanization the total global exposure in 2050 is project to increase to \$80-150 trillion.

Current protection measures are only designed to withstand current scenarios and the

The NoFloods Barrier offers one of the most effective solutions for loss reduction and has already proven its efficiency in protecting people, critical infrastructure and the environment in several countries around the world.

The NoFloods Barriers are based on innovative and patented principles and consists of basically three primary components creating a solution with high strength, high flexibility, high versatility and with extremely low environmental impact. Based on its smart and logical approach, the NoFloods mobile flood barrier is fast and easy to install in flood threatened areas both before and after flooding has occurred.

NoFloods Barriers = the new generation of flood

The success of the NoFloods Barriers is due to our constant focus on knowledge, research and innovation. Based on the same innovative principles the NoFloods PRO and BASIC solutions offers customized solutions for flood mitigation, perfectly adapted to each specific situation



NoFloods PRO – Large-scale flood protection

The NoFloods Barrier PRO solution offers professional, flexible and cost-efficient large-scale flood protection. The system is modular and consists of three components: terminals, junctions and tubes. This solution is designed for high-volume pumps and 1 km of the NoFloods Pro Barrier can be filled from one single access point.

No site preparation: The NoFloods Barrier PRO does not require any site preparation, additional equipment or permanent installations

Easy installment: Depending on the weather conditions, 4 men can deploy 0.6 miles of the NoFloods PRO in less than 4 hours.

Modular approach: Modules are available in lengths from 82 ft to 656 ft in two heights (NoFloods PRO 60 and NoFloods PRO 125).

Option to extend: Each section/module can be continuously extended by the interconnection of the NoFloods Junctions.

High Stability and safety: Due to the hydraulic conditions of the innovative design, the barrier will remain stable

NoFloods BASIC – Flood protection for shorter distances

The NoFloods Barrier BASIC is a competitively priced range of flood barriers designed for protection over shorter distances. Compared to the PRO solution the BASIC consists only of a tubular system and can be delivered in sections from 16.4 ft to 164 ft.

No site preparation: The NoFloods Barrier BASIC does not require any site preparation, additional equipment or permanent installations.

Easy deployment: The NoFloods BASIC flood barrier is simply unfolded directly at the deployment site and filled with water.

Installment and Disassembly – Rapid, easy and

The NoFloods Barrier solutions have been designed to facilitate easy and fast installment and disassembly. For this reason the weight of the solution is the lowest on the market, without compromising strength or flexibility. When installing and taking down longer distances we recommend using the NoFloods Hydraulic Winch, which can also be used for storing the tubes when not in use. The installment and disassembly of the NoFloods PRO and NoFloods BASIC follow the same principles.



STEP 1.

Arrival and inspection of the deployment site.

The NoFloods Barriers can be deployed from a trailer, small truck, storage bag or deployment box



STEP 2.

Deploy the NoFloods barrier.

Simply roll or pull out the NoFloods Barrier at the desired location.



STEP 3.

NoFloods PRO: Connection of the terminals and/or junctions to the tubes.

NoFloods BASIC: Adjust and tighten the end cap.



STEP 4.

Connect the pumps and fill the tubes.

The NoFloods Barrier is ready for operation.



STEP 5.

Emptying and disassembly/rolling in the barrier is just as quick and easy. Release the water in a controlled manner and roll in the tubes.

When rolling in longer distances we recommend using the NoFloods Hydraulic Winch.

NOFLOODS BARRIERS
 =
 KNOWLEDGE
 RESEARCH
 INNOVATION
 =
 VERSATILITY
 FLEXIBILITY
 SUSTAINABILITY

“Fighting water with
 water”

The NoFloods Barriers replaces
 the heavy and inefficient
 sandbags and is at the same
 time one of the most
 sustainable solutions on the
 market.



Dimensions and weight of the NoFloods Barriers

The barriers are effectively using the threat to create efficient flood protection. Therefore the NoFloods solutions’ also has the lowest dry weight on the market to facilitate easy installation.

Product	Diameter	Installed height	Dry weight (3,3 f)*	Installed weight/3.3 ft	Rec. head of water **
NF TWIN PRO 60	23.6 in	19.7 in	4 lb	1180 lb	14.2 in
NF TRIPPLE PRO 60	23.6/15.7 in	27.6 in	5 lb	1433 lb	19.7 in
NF TWIN PRO 125	49.2 in	43.3 in	8 lb	5181 lb	31.5 in
NF TRIPPLE PRO125	49.2/31.5 in	63 in	10 lb	6173 lb	43.3 in
NF TWIN BASIC 60	23.6 in	19.7 in	4 lb	1180 lb	14.2 in
NF TWIN BASIC 125	49.2 in	43.3 in	8 lb	5181 lb	31.5 in

*The PRO solutions uses terminals and junctions made of aluminum to keep the weight at a minimum and are conveniently equipped with handles for easy installation

**The friction against the surface upon which the Flood Barrier is installed directly influences the recommended head of water. The above statements refer to a report made by The Danish Hydraulic Institute.



We have invested actively in creating the world's most cost-effective and efficient solutions for flood protection. Our products and solutions are based on more than 15 years of experience of dealing with floods and natural disasters. Today we probably offer the strongest solutions for flood protection in terms of price and efficiency.



THE NOFLOODS BARRIERS HAS BEN SELCTED AS ONE OF THE MOST SUSTAINABLE SOLUTIONS IN THE WORLD AND IS AS A PART OF THE SUSTAINA100 2015.

Environment Solutions ApS Universitetsparken 7 Roskilde, DK – 4000 Denmark

Environment Solutions 228 Park Avenue S, #300, New York, NY 10003, USA

Phone: +45 70 707 482 Mail: Info@environmentsolutions.dk Web: www.environmentsolutions.dk www.nofloods.com