

Exflooder Flood Barriers

The Exflooder Flood Barrier is a flexible, water-filled system for rapid deployment of temporary flood protection. As a high-efficiency alternative to sandbags, it enables quick creation of mobile flood levees without additional support structures—simply unroll and fill with water.

Constructed from a **durable three-layer PVC technical fabric** with integrated polyester mesh reinforcement (900 g/m²), the barrier adapts to uneven terrain while maintaining high resistance to mechanical stress. A **UV-protective coating** enhances durability in outdoor conditions. Lightweight and compact when folded, it ensures efficient transport and storage while delivering high protection capacity when deployed.

The system supports rapid filling, efficient drainage and optional anchoring for increased stability. Two configuration variants are available: the **standard Exflooder** model and the **Exflooder+** version, equipped with an advanced connection sleeve system for secure linking of multiple barriers into continuous flood protection lines. The barrier is resistant to bacteria and fungi and holds a **CNBOP certificate** of conformity no. 0052/2025, confirming its suitability for use by emergency services and civil protection authorities.

KEY FEATURES

- Flexible flood barrier is a high-efficiency alternative to sandbags
- Rapid deployment: roll out and fill with water
- No additional support structure required
- Adapts to uneven ground for improved sealing
- Durable PVC fabric with polyester mesh reinforcement (900 g/m²)
- UV-resistant coating for extended outdoor durability
- Maximum filled diameter: 89 cm (one of the tallest in its class)
- Fast filling via Storz 75 (3") connection
- Quick drainage via large inspection flange (Ø146 mm)
- Dual air vents for pressure regulation
- Anchoring system for enhanced stability
- Resistant to bacteria and fungi
- Compact and easy to transport and store
- 7-year warranty

COMPLIANCE & CERTIFICATION

CNBOP certificate of conformity no. 0052/2025

PRIMARY APPLICATIONS

Flood protection • Emergency response • Civil protection operations • Municipal infrastructure protection • Event site protection • Coastal and river flood defence • Temporary water control systems



TECHNICAL DATA

Specification	Value
Product Type	Flexible, water-filled flood barrier
Structure	Cylindrical flexible sleeve
Deployment	Roll out and fill with water
Support Structure	Not required
Main Material	Three-layer PVC technical fabric with polyester mesh
Material Density	900 g/m ²
UV Protection	Protective lacquer coating
Maximum Diameter (filled)	Up to 89 cm
Filling Connection	Storz 75 (3")
Drainage System	Inspection flange Ø146 mm / Storz outlets (depending on model)
Air Vents	2 pcs
Anchoring	Available (recommended; depends on ground type)
Joint Technology	High-frequency (HF) welding
Biological Resistance	Resistant to bacteria and fungi
Configuration Variant	Standard (Exflooder) / Extended connection version (Exflooder+)
Certification	CNBOP certificate of conformity no. 0052/2025
Warranty	7 years
Country of Manufacture	Poland

PRODUCT-MARKET INSIGHT

The Exflooder Flood Barrier is designed for rapid-response flood protection where deployment speed and mobility are critical. It is widely used by municipalities, emergency services and infrastructure operators requiring temporary yet reliable flood defence without permanent construction.

SYSTEM FUNCTIONALITY

The barrier operates by filling a flexible sleeve with water, which provides weight and stability. Once deployed, it conforms to the ground surface, creating a tight seal that limits water ingress. Individual sections can be connected using sleeve-based joining systems. In the Exflooder+ version, a slightly tapered, self-tightening sleeve with additional fastening straps and buckles ensures a secure mechanical connection between barriers. The system prevents unintentional separation under load, enabling the construction of continuous, reliable flood protection lines of any required length. Anchoring systems can be applied depending on ground conditions (soil, sand, asphalt or concrete) to ensure stability under high water pressure.