



# SECURE SHORELINES AND RIVERBANKS AGAINST EROSION AND DEGRADATION

## AQUAROCKBAG

Supports  
loads from

**1-12**  
tonnes



Preserves  
**water**  
quality

AquaRockBag® is a durable mesh net made from premium virgin HDPE (High-Density Polyethylene) and filled with rock to provide permanent or temporary protection in erosion-prone environments.

Flexible and easy to install, AquaRockBag suits a wide range of hydraulic and ecological applications, helping stabilise riverbanks, shorelines, bridge piers, and wharf structures. Its high resistance to abrasion, chemicals, and UV exposure ensures long-lasting performance. The use of virgin HDPE over traditional alternatives also helps preserve water quality and protect aquatic ecosystems.

### **BENEFITS OF AQUAROCKBAG**

- Customised to fit specific site protection needs, supporting loads from 1 to 12 tonnes
- Made from fully recyclable materials, offering excellent anti-abrasion properties, high UV resistance, and a submerged lifespan of up to 100 years
- Reduces project costs through quick, easy on-site installation using portable filling equipment with no heavy machinery or extensive training required
- Flexible net structure allows for easy reconfiguration, relocation, and adaptability to uneven surfaces and varying site conditions, making it reusable across different projects
- Supports aquatic ecosystems by encouraging plant growth and preserving natural habitats with minimal environmental impact during installation



## APPLICATIONS

AquaRockBag is designed for a wide range of applications, making it a versatile solution for various environmental and engineering challenges.

### Coasts & Shorelines

- Prevents erosion along coastlines and riverbanks
- Shields coastal areas from wave action and storm surges

### Hydraulic Structures

- Safeguards structures like bridges, culverts, and seawalls from water damage and erosion

### Offshore Infrastructure

- Protects and stabilises wind turbines and sea cables

### Temporary Uses

- Constructs barriers and defences for flood events, and supports temporary working platforms, and marine anchoring

## FUNCTION

- Erosion & Sediment Control



Provides  
effective  
**erosion  
control**

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