



AquaRockBags® help to reduce currents in erosion-prone areas worldwide.



## ROCK YOUR PROJECT!

AquaRockBags®—Effective, rapid installation for scour and erosion control

**As a reliable partner, IGG (Internationale Geotextil GmbH) has been providing its international customers with innovative and sustainable system solutions for erosion control. The comprehensive product portfolio includes the AquaRockBag®.**

AquaRockBags® can be used in both fresh and saline conditions. Typical areas of application are shorelines, rivers, flood embankments and bridge piers. They are highly flexible and, thanks to their flexibility adapt far better to the natural environment than other revetments. At the same time, they contribute to reduce currents in erosion-prone areas, can be planted in relatively short periods of time, and offer many ecological advantages. AquaRockBags® work best under water and can be combined with bioengineering constructions for soils and riparian areas. They are particularly suitable for fluctuating water levels.

### Optimal Alternative

AquaRockBags® are a good alternative to concrete block fixings, riprap, sheet piles or gabions. Due to their flexible nature, the filled nets adapt to the surface, so that no or only minimal preparation is required for

their installation. Unlike other erosion control products, which primarily reflect the flow, they absorb the water energy due using smaller stones that have high interstitial spaces between them. The natural flow processes are slowed down and erosion downstream or around the AquaRock-Bag® revetment is significantly minimized.

### Filling and Installation

A special feature is the individual filling option of the AquaRockBag® with different stone sizes. The sizing of the stones allows an ecological balance between the structural interlocking required for a robust revetment and the development of an ecosystem with diverse habitats for flora and fauna.

AquaRockBags® can be installed much faster than other types of revetments. This saves construction site resources and shortens construction time. They can be filled directly on

site or delivered already filled. The filling process takes very little time and requires only basic training of the site personnel. In the process AquaRockBags® are easy to transport and can be positioned by means of a crane and a quick coupler. For more precision when inserting the bags GPS can be used for example when they are installed deep below the water surface.

### Mesh Technology

AquaRockBags® are made of abrasion-resistant and UV-resistant polyester. Independent tests have shown that AquaRockBag® nets are significantly more abrasion and UV resistance than nets made from recycled polymers, and therefore have a longer service life.

### Ecological Advantages

AquaRockBags® are made of abrasion-resistant and UV-resistant polyester. Independent tests have shown that AquaRockBag® nets are significantly more abrasion and UV resistance



The AquaRockBag® is an environmentally friendly, highly durable net, which is filled with larger sorted stones and is used to protect against erosion and scouring, as well as in landscape (re)modeling.

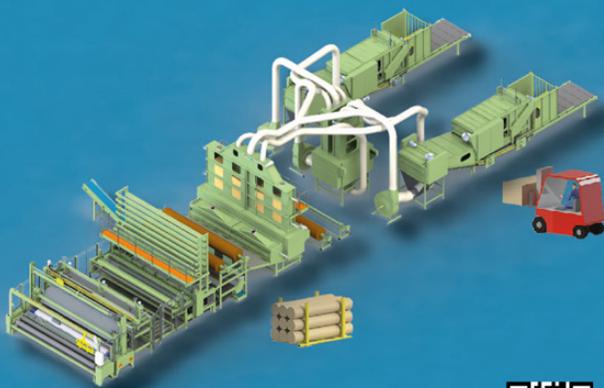
than nets made from recycled polymers, and therefore have a longer service life. This allows vegetation to establish, providing a habitat for insects, mollusks and other invertebrates.

**Visit us at IECA 2022 booth 306!**



### Erosion Control Blanket Machine

For natural and synthetic fibers



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### AquaRockBag®

The flexible Polymer Net Bag



[www.aquarockbag.eu](http://www.aquarockbag.eu)

watch our video