



# Banking on Hydro-blocks<sup>®</sup>

## Blyko Hydro-block<sup>®</sup>

Ecologically sensitive, able to withstand and dissipate heavy storm wave impact and easily mechanically installed on sloping straight and bending revetments.

### THE ADVANTAGES OF HYDRO-BLOCK<sup>®</sup> INCLUDE:

- Ecological ECO surface
- Various weight formats
- Water and wave impact resistant
- Frost proof
- Erosion resistant
- Structurally bonded
- Economical



**BLYKO**  
PAVING PRODUCTS



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## Coastal and river bank protection

Design of hard foreshore and river revetments not only requires detailed engineering but also local ecology is an important consideration. It has become clear that coastal and river systems should have a softer greener appearance and offer an environment suitable for natural vegetation.

Sea and river systems have a high ecological value, however underneath the 'green' exterior a hard base is often necessary. Water flow and wave action can have a very heavy impact justifying the stringent requirements sea and river revetments have to meet.

## Unique shape

The specially developed and tested shape of the Hydro-block® creates a repetitive and strongly bonded link ensuring the blocks are securely set in place. The Hydro-block® can easily be mechanically placed to follow the shape of the watercourse. Due to the special shape of the Hydro-block®, they can shift relative to each other without an increase in joint gaps. Key pieces are unnecessary and no additional manual installation work is required.

## Naturally Hydro-block®

Hydro-block® with ECO surface has been developed as natural bank or embankment coating material in the tidal zone. The rough surface and the porous structure of the top layer create ideal conditions for the development of micro-organisms and adhesion of marine algae and other vegetation. The result of this advance is a strong revetment with optimum natural qualities.

## Research and Quality

Hydro-block® has been extensively tested at:  
The Waterloopkundig Laboratorium praktijktest Hydro-block®  
(Watercourse Laboratory practical test)  
Accredited with the KOMO quality mark certificate.

## Application areas:

- Embankments
- Marinas
- Watercourses
- Roundabouts
- Canals
- Coastal and river protection
- Seawalls

## Hydro-block® in brief:

Ecologically sensitive, able to withstand and dissipate heavy storm wave impact, and easily mechanically installed on sloping straight and bending revetments.

## Technical details:

Hydro-block® is a 'registered trademark' and the design is internationally patented.  
Dimensions: 25 x 25 cm  
Height: 10 to 50 cm  
Number of blocks per/m<sup>2</sup> 16



## A PATENTED MECHANICAL CONCEPT

The special patented shape of the Hydro-block® ECO can be mechanically placed to follow the shape of the watercourse without additional manual installation.

For more information please  
contact our sales office on  
01273 704970 or visit our website  
[www.blyko.co.uk](http://www.blyko.co.uk)

