

ARTICULATED CONCRETE BLOCKS FOR EROSION CONTROL.

ARTICULATING CONCRETE BLOCK (ACB) systems provide erosion protection to soil exposed to the hydraulic forces of moving water. ACB systems are a matrix of individual concrete blocks placed closely together to form an erosion-resistant overlay with specific hydraulic performance characteristics. Because it is composed of individual units, the ACB system can conform to minor changes in the subgrade without loss of intimate contact.



The systems are easy to install, simple to produce and environmentally friendly. ACB systems are often used as an alternative to cast-in-place concrete bulkheads and slope paving, gabions, soil cement, roller compacted concrete, or rock riprap. ACBs can also be used as grid pavers.

ACB units are concrete block produced in accordance with *Standard Specification for Materials and Manufacture of Articulating Concrete Block (ACB) Revetment Systems*. ASTM D 6684 (ref.1).

TEK 11- 12 © 2002 National Concrete Masonry Association

WHY CHOOSE **INTERNATIONAL COASTAL** REVETMENT PRODUCTS LLC ®

- › Professional Design Team on Hand
- › Years of Experience
- › Installation Knowledge
- › Provide Turn Key Application
- › Low Cost Alternative
- › Little to No Maintenance
- › Sales Support

POTENTIAL USE OF MAT SYSTEM:

- | | |
|---------------------|-----------------------|
| Ponds | Spillways |
| Canals | Low Water Crossings |
| Boat Ramps | Drainage Channels |
| Lake Shorelines | River Fronts |
| Dikes/Levees | Coastal Shorelines |
| Lay Down Yards | Wildlife Habitat |
| Pipeline Protection | Bridge Abutment/Piers |
| Overflow Channels | Retention Basins |
| Dam Overtopping | |

Hydraulic performance test data by Colorado State University can be provided upon request.

BLOCK OPTIONS

Block thickness requirements are typically determined by the design hydraulic conditions.

HAND PLACED COASTAL CONTROL BLOCK®

OPEN CELL

(HPCCB-OC)



Height Range	4" – 6"
Width Standard	12"
Length Standard	16"
Weight Range	33–52 lbs.

Each block covers 1.0 square feet.
Open area is 24% on each block.

HAND PLACED COASTAL CONTROL BLOCK®

CLOSED CELL

(HPCCB-CC)



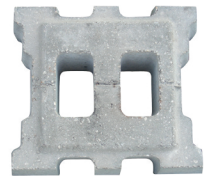
Height Range	4" – 6"
Width Standard	12"
Length Standard	16"
Weight Range	38–56 lbs.

Each block covers 1.0 square feet.
Open area is 24% on each block.

UNIDIRECTIONAL COASTAL CONTROL BLOCK®

OPEN CELL

(UCCB-OC)



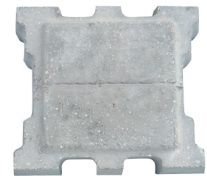
Height Range	4" – 9"
Width Standard	15.50"
Length Standard	17.40"
Weight Range	51–129 lbs.
Mat Length Range	8' – 44'

Each block covers 1.78 square feet.
Open area is 10% on each block.

UNIDIRECTIONAL COASTAL CONTROL BLOCK®

CLOSED CELL

(UCCB-CC)



Height Range	4" – 9"
Width Standard	15.50"
Length Standard	17.40"
Weight Range	60–153 lbs.
Mat Length Range	8' – 44'

Each block covers 1.78 square feet.
Open area is 10% on each block.

DUAL DIRECTIONAL COASTAL CONTROL BLOCK®

OPEN CELL

(DDCCB-OC)



Height Range	4" – 9"
Width Standard	15.875"
Length Standard	15.875"
Weight Range	56–146 lbs.
Mat Length Range	8' – 44'

Each block covers 1.78 square feet.
Open area is 20% on each block.

DUAL DIRECTIONAL COASTAL CONTROL BLOCK®

CLOSED CELL

(DDCCB-CC)



Height Range	4" – 9"
Width Standard	15.875"
Length Standard	15.875"
Weight Range	66–170 lbs.
Mat Length Range	8' – 44'

Each block covers 1.78 square feet.
Open area is 7% on each block.

Minimum compression strength on all above blocks 4000 PSI.