

Tested—

International Coastal Revetment Products (ICRP) Coastal Control Blocks and Coastal Control Block Mats have been tested by Colorado State University in Fort Collins, Colorado. Mr. Paul Clopper is Chairman of the ASTM Standards Committee D18.25.04 on Articulating Concrete Blocks, and has certified that ICRP's Coastal Control Block System conforms to the FHWA-RD-88-181 protocols and test methods described in ASTM D7277-08, "Standard Test Method for Performance Testing of Articulating Concrete Block (ACB) Revetment Systems for Hydraulic Stability in Open Channel Flow."

ICRP uses only materials (concrete, cables, anchors, clamps and clips, geotextiles) that have been tested rigorously and conform to ASTM standards. As one of the most sustainable and long lasting building products, our blocks can even provide a significant contribution to sustainable construction.

Currently, ICRP has been the only Articulated Block supplier to make application to the State of Florida's Department of Transportation to be included on the "FDOT Approved Products List" (APL).

ICRP Coastal Control products have been proven in the lab and proven in the field. They are an approved alternative to traditional, costly, labor intensive rip-rap. ICRP's Coastal Control Open Cell systems are perfect for providing permanent erosion control at the same time allowing free sown or planted vegetation to grow through the cells providing natural or manicured landscape as well as habitat for various fauna and/or sealife. In addition, landed areas of ICRP's Coastal Control ACBMs can be easily maintained- vegetation, once grown, can be quickly and easily kept neat with traditional mowing where a more manicured look is desired. ICRP's Closed Cell systems provide impenetrable "hard armor" to protect, revet and cover where low to no maintenance is desired in the toughest of conditions. Our varying thicknesses provide weight options and can handle differing levels of turbidity, dependent upon the install needs.

With manufacturing plants throughout the State of Florida and the Caribbean, ICRP is able to keep transport costs to a minimum; and by utilizing cranes and/or forklifts with a spreader bar, ICRP's Coastal Control ACBMs can be quickly installed, covering large areas of square footage with minimum labor costs.

and Proven.

International Coastal Revetment Products
proven in the lab, proven in the field.



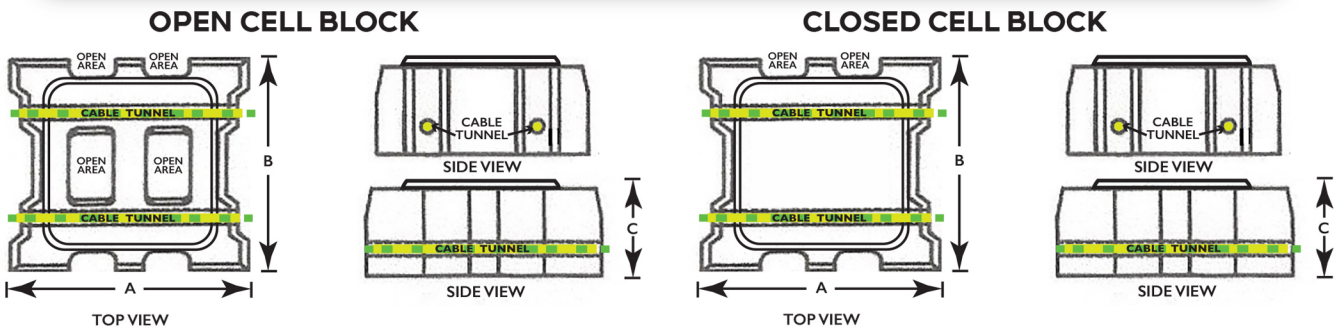


INTERNATIONAL COASTAL
REVETMENT PRODUCTS LLC

SPECIFICATIONS SHEET

Interlocking Articulated Concrete Blocks

UNIDIRECTIONAL COASTAL CONTROL BLOCKS SPECIFICATIONS SHEET									
	NOMINAL DIMENSIONS					BLOCK WEIGHT PER UNIT			COMPRESSIVE STRENGTH LBS.SQ.IN (PSI)
BLOCK TYPE	A	B	C	MAXIMUM ABSORPTION	GROSS AREA OF BLOCK (SQ.FT.)	LBS	LBS / SQ.FT.	OPEN AREA %	
OPEN CELL UNITS	15.5"	17.4"	4.5"	12 lbs./cuft.	1.78 sqft	63 - 72	36 - 41	20	4,000
	15.5"	17.4"	6.0"	12 lbs./cuft.	1.78 sqft	82 - 95	47 - 54	20	4,000
	15.5"	17.4"	8.5"	12 lbs./cuft.	1.78 sqft	119 - 136	36 - 41	20	4,000
CLOSED CELL UNITS	15.5"	17.4"	4.5"	12 lbs./cuft.	1.78 sqft	79 - 91	44 - 51	10	4,000
	15.5"	17.4"	6.0"	12 lbs./cuft.	1.78 sqft	95 -110	54 - 62	10	4,000
	15.5"	17.4"	8.5"	12 lbs./cuft.	1.78 sqft	143 - 165	80 - 93	10	4,000



NOTES:

- 1.0 The block will be off-set to a half block to each other. Each row of blocks shall be laterally offset by one - half block width from the adjacent row so that any given block is cabled to four other blocks.
- 2.0 Typical mat layout is made eight feet (8.0') wide and up to forty (40.0') in length. However, each mat can be made up in different length sizes. The mat size is determined by the project size, location and equipment that is available.
- 3.0 Cable may be composed of polyester or galvanized steel aircraft cable unless otherwise specified by the engineer. Cables used for mattresses shall be sufficiently sized and fastened for the size and weight of the mattress.
- 4.0 Handling of the block mattresses shall be done with a spreader bar and the use of a crane or other approved equipment. No two (2) mats or more shall be picked up at once with the spreader bar. Guide ropes shall be attached to each end of the spreader bar. The ropes will be at such a length to keep the individual holding the ropes out of harm's way at all times.

