



### WHAT CAN YOU EXPECT FROM IECS?

Innovative thinking and manufacturing of customized products specific to every site's unique challenges. IECS is a multi-tool in an engineer's toolbox during the design phase of any given project.

- Over 30 years of experience
- Family owned and operated
- Responsive customer service with the flexibility to meet your project needs
- Customized manufacturing abilities to fit the requirements of any project
- Quick turnaround time and large inventory of all product lines
- Design/build capabilities
- Turnkey solutions for ACB design; from detailed design review; on-site assistance, and final installation site review – FREE OF CHARGE

### **AVAILABLE PRODUCTS**

International Erosion Control Systems Inc. has a complete line of solutions for storm water management, erosion control issues and pre-cast structures.











### **FEATURES + BENEFITS**



## Up to 40% open area

Provides a complete vegetation regrowth habitat, and enhances aesthetics while providing permeability and water treatment measures.



# Cables cast in both directions into wet cast air entrained concrete

Provides increased block-to-block connection strength and allows for easy on-site modifications.



#### Completely stainless steel cable/clamping system

Built to withstand harsh environments and provide superior corrosion resistance to salt and uv degradation.



## **Pre-attached site specific** non-woven geotextile

Makes for quick and easy on-site installation.



## Cable loops on all 4 sides

Delivers quick, secure and safe mat-to-mat connection.

# SEE THE DIFFERENCE WITH CABLE CONCRETE

Cable Concrete is the stable choice when it comes to erosion control design requirements. This prevailing technology is an engineered system designed to be superior to loose rock.

### **APPLICATIONS**

- Riverbank Protection
- Culvert Inlet/Outlet Protection
- Spillways

Unlike other products, Cable Concrete can provide a wide range of solutions to a variety of applications such as:

- Channel Lining
- Pond Lining
- Pipeline Protection
- Lagoon Protection
- Low Water Crossings
- Dam Overflow/Intakes
- Access Roads
- Overflow/Weirs
- Boat Ramps

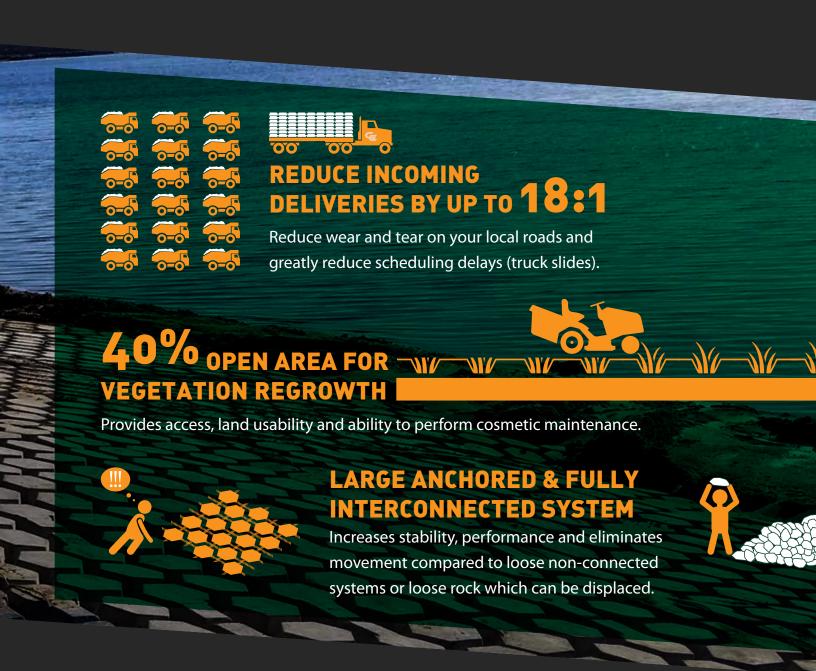












We have been very satisfied with the overall performance of the 'Cable Concrete' product for our erosion control needs, and will continue to specify this product where it can provide an ideal solution."

- Project Engineer, Amec Foster Wheeler



### **CABLE CONCRETE® SPECIFICATIONS**

SYSTEM	MINIMUM BLOCK WEIGHT		MINIMUM BLOCK HEIGHT		OPEN AREA %
	kg/sm	lbs/sf	mm	inches	OF EN AREA 70
CC G2	122.22-136.89	25-28	80-88	3 1/8- 3 7/16	40
CC 35	180.65-195.30	37-40	114.3-127.0	4 1/2-5	20
CC 45	229.47-253.88	47-52	139.7-152.4	5 1/2-6	20
CC 70	351.53-380.83	72-78	215.9-228.6	8 1/2-9	20
CC 90	439.12-463.83	90 -95	215.9-228.6	8 ½ - 9	20

**LEED CERTIFIED:** Cable Concrete is not only a great solution for soil erosion and habitat restoration but also for designing LEED certified projects. By using Cable Concrete in your design, your project can qualify for the following LEED credits:

#### **CREDITS**

- 5.1 Protect or Restore Habitat
- 5.2 Maximize Open Spaces
- 6.1 Storm Design Quantity Control
- 6.2 Storm Design Quality

# RESEARCH & / DEVELOPMENT

IECS is committed to product excellence. As a leader in the ACB industry, we have done extensive engineering, research and product testing to ensure you get the very best in performance. Here are some of the R&D initiatives we have taken part in:

- Detailed hydraulic analysis program developed from university testing conforming to ASTM D7276-16, D7277-16 & FHWA-RD-89-199
- Wave Impact testing in accordance with Coastal Engineering Manual, US Army Corps of Engineers EM 1110-1100
- Block wave impact testing compared to analytical results generated by the "Anamos Stability Revetment Program" developed by Delft Hydraulics
- Conforms to HEC 23 & NCMA TEK 11 design guideline manuals for ACB Systems

## HERE'S WHAT SOME OF OUR CUSTOMERS ARE SAYING

Our clients and ourselves have been satisfied with not only the performance of the product in application, but also with the level of service IECS has provided during the planning, design, and construction phases of these projects."

- Project Manager, Worley Parsons

We support International Erosion Control Systems' Cable Concrete product. We have successfully used this product on previous projects and would like to have the option of specifying it on future projects."

- Water Resource Engineer, Stantec

## **CONTACT US**



