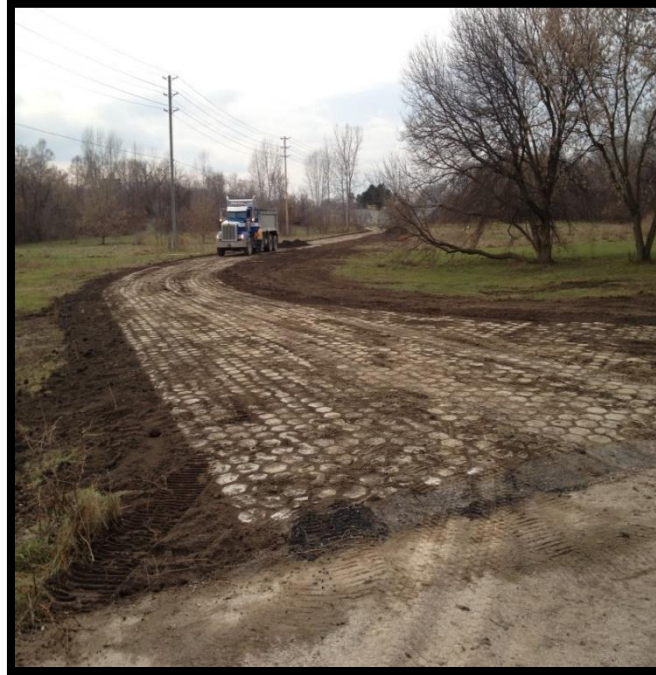


Before



After



# CABLE CONCRETE® G2

Articulated Concrete Block System



- Low installation cost
- Cable Concrete G2 manufactured and distributed throughout Canada and abroad.
- More economical than hand placed systems
- Quick and efficient delivery
- Proudly manufactured in Rodney, Ontario

For more information, contact:



800-452-4435  
info@jenhill.com  
www.jenhill.com



INTERNATIONAL EROSION  
CONTROL SYSTEMS INC.





What is it?

Cable Concrete G2 (CCG2) is an articulated concrete block revetment system developed by International Erosion Control Systems Inc. The system has an extensive range of civil applications and is most commonly used for preventative erosion control measures caused by water, wind, and/or traffic. CCG2 is also a very viable solution for hard armored access applications for access roads, boat launch, and pedestrian pathways. The standard mat sizes is 2.44m wide x 6.1m long (8’x20’) and are design to be placed side by side or end to end to provide a unvarying protective system. The mats consist of concrete blocks interlocked by revetment cables, which are poured through each block in both directions. Spacing between blocks provides a +/- 40% opening for vegetation or granular backfill materials. The blocks typically have 190.5mm (7.5”) hexagonal top faces and 228.6mm (9.0”) hexagonal bottoms.

Key Features:

- Provides a permanent hard armoured solution with a natural vegetated finish
- Designed to handle heavy vehicular traffic such as maintenance vehicles and mowers
- Environmentally friendly with a +/- 40% opening for vegetation regrowth or live staking
- Freeze thaw resistance ensures the structural integrity of the system
- Easy and efficient installation, virtually maintenance free
- LEED certified – Environmentally friendly
- Clamp mats together on all four sides to create one uniform systems
- Promotes re-established vegetation waterways–increased infiltration and filters sediments
- Engineered to withstand high velocities.

Cable Concrete G2 Specifications

SYSTEM	Minimum BLOCK WEIGHT		Minimum BLOCK HEIGHT		Open Area
	kg/sm	lbs/sf	mm	inches	
CC G2	122.22-136.89	25-28	80-88	3 1/8”-3 7/16”	40%



Potential LEED Credits:

- SS Credit 6.1 Stormwater Design: Quantity Control
- SS Credit 6.2 Stormwater Design: Quality Control
- SS Credit 5.1 Site Development and Restore Habitat
- MR Credit 5.1 Regional Materials

Industry Leading Performance

IECS has carried out extensive research into wave and open channel flow conditions on our product Cable Concrete® at the Colorado State University. Cable Concrete® blocks were flume tested in a 100 foot long by 4 foot wide test section.



- Detailed hydraulic analysis program 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

