

Canada's leader of complete geosynthetic solutions



**terrafix**<sup>®</sup>  
geosynthetics inc.

Terrafix  
**FLEXICRETE**<sup>®</sup>

To view our complete product line visit us at [www.terrafixgeo.com](http://www.terrafixgeo.com)



# Terrafix **FLEXICRETE®**

## General Info

FLEXICRETE® is a system of solid concrete blocks connected together to form continuous inter-connected areas which can be used for a variety of purposes. The standard individual blocks are square but rectangular, trapezoidal, hexagonal; circular can also be provided on a special order basis. Depending on the purpose for which the FLEXICRETE® panels are to be used, different types of interlocking materials can be used such as mild steel, nylon rope, high tensile steel and stainless steel aircraft cable.

### **FLEXICRETE® can be used for:**

Embankment protection to prevent erosion, open storm drain lining, aqueduct lining, shore and beach protection, breakwaters, boat launch ramps, spillweirs, pond lining support, paving, roads, military roads, express road shoulders, retaining walls, parking areas and protection of buried utilities including utilities under water.

### **FLEXICRETE® specifications**

- Concrete strength used is 30 mpa or higher in accordance with Canadian Standards CSA23
- The galvanized mesh reinforcement wires are 203mm centre to centre and 4.12mm diameter (8/8 gauge) or 4.88mm (6/6 gauge) diameter
- The cross-sectional area of steel in longitudinal and transverse direction is 65.69 mm<sup>2</sup>/m for 8/8 gauge and 91mm<sup>2</sup>/m for 6/6 gauge

### **FLEXICRETE® sizes**

The standard size is 400mm × 400mm × 80mm in panel's 3.6 metre long × 2.4 metre wide. A standard block weighs 27 kg. Panel weight is 168 kg/m<sup>2</sup>. A standard 3.6 metre × 2.4 metre panel, weighs 1.45 Tonnes.

DISTRIBUTED BY

**terrafix®**  
geosynthetics inc.

178 Bethridge Road  
Toronto, Ontario • M9W 1N3  
**Telephone** (416) 674-0363  
**Fax** (416) 674-1159