TerraCell is an innovative geosynthetic product providing solutions for difficult stabilization, erosion control, slope and retaining wall challenges. TerraCell, generically referred to as a "geocell," confines native or select fill materials and is the integral component of a cellular confinement system.

TerraCell is a lightweight, flexible mat made of high density polyethylene strips. These strips are ultrasonically bonded together to form an extremely strong, honeycomb configuration. A variety of fill materials can be placed within the TerraCell system: soil, sand, aggregate, concrete, etc. The use of TerraCell and the appropriate fill material create numerous opportunities for versatile and economical solutions for many applications including:

- GROUND STABILIZATION  
- SLOPE EROSION CONTROL  
- RETAINING WALLS
- STREAM CROSSINGS
- CHANNEL EROSION CONTROL
- EMBANKMENTS

To satisfy the application, TerraCell is available in various heights and three different cell sizes: TerraCell 140 (small), TerraCell 175 (intermediate) and TerraCell 280 (large). It can be supplied in solid wall or perforated (to allow flow between cells) styles. Holes can be made in TerraCell to facilitate a tendoning system for some applications. TerraCell can be manufactured into custom sizes for specific requirements (i.e.; retaining wall fascia).
EXPANDED DIMENSIONS

- TerraCell 140
  8.4 ft. x 21.4 ft. x cell height
  Panel Area: 180 sq. ft. (nominal)
  Cell Area: 10.2" x 8.8"
  (44.8 sq. inches nominal)

- TerraCell 175
  8.4 ft. x 27.4 ft. x cell height
  Panel Area: 230 sq. ft. (nominal)
  Cell Area: 12.6" x 11.3"
  (71.3 sq. inches nominal)

- TerraCell 280
  8.4 ft. x 45 ft. x cell height
  Panel Area: 378 sq. ft. (nominal)
  Cell Area: 20.0" x 18.7"
  (187 sq. inches nominal)

CELL HEIGHT
8" , 6", 4" , and 3" 

COLOR
Black

CUSTOM COLORS
Tan and Green

TerraCell 140
nominal panel size

8,6,4 or 3"  21.4"  EXPANDED
8,6,4 or 3 in.  5 in.  12 ft.

The quality control system used in the manufacturing of TerraCell is in compliance with ISO 9001:2000 standards. TerraCell is licensed from the United States Army under Patent No. 4,797,026.