

VILLA ROOT BARRIER, INC.

DRAINCORE 2 by ISI

Draincore2 geocomposite drainage and conveyance layer is used for advanced subsurface and greenroof applications. A replacement for antiquated French drains.

Draincore2 is a high volume drainage layer capable of withstanding heavy loads in direct contact

Benefits

- Flow Rate = 42 gpm per foot width,
- Flexible Grid
- 92% Void for Air or Water Provides Insulating Air Layer
- Heating or Cooling systems
- High Compression Strength - 2100 psi
- Durable HDPE plastic

Applications

- Infiltration Basin Collector
- Cutoff Drain
- Retaining Wall Drainage
- Planter Drainage
- Golf Greens and Tees
- Conveyance
- Foundation Drainage
- Roof Deck - Green Roofs
- Sports Turf Drainage System
- Golf Bunkers - Sand Traps



This drainage core is wrapped in a geotextile fabric, which allows water to enter from any direction, with the rings placed vertically or horizontally. Water can flow between rings in either vertical or lateral directions simultaneously. Flow volumes can be matched with multiple layer configurations. Draincore2 can distribute water at 42 gallons per minute per foot width, twice the conveyance rate of a pipe and gravel system.

SLOPETAME 2 by ISI

Slopetame2 is much more than an erosion control blanket or mat. Slopetame2 is a permanent three-dimensional reinforcement and stabilization matrix for steep vegetated slopes and channel banks. The integral rings, bars, grid, and fabric act to contain upper root zone soils, allow vegetation roots to easily pass through, and minimize movement and loss by rain or flowing water. Slopetame2 gets added protection via the supplied Duckbill anchors.

Benefits

- True 3-dimensional Containment
- Shallow depth to Reduce Costs
- Interlocked Continuous Structure
- Lightweight
- High durability and Resistance
- Small-Scale Confinement
- Strong Diagonal Grid
- Geotextile fabric for Additional Support
- UV-resistant

Applications

- Steep Slope Erosion Control
- Channel Energy Dissipation
- Vegetated Swales and Strips
- Channel Bank Stabilization
- Infiltration Trenches

Slopetame2 is shipped in roll form, with connections allowing rolls to be fastened together forming one large continuous mat covering the entire face of long slopes. Holes can be cut in the mat to provide for large containerized or balled plant material.

