



Delta[®]-Drain

DryDog Barriers • 888-5-DRYDOG

Delta[®]-Drain is an effective method to control the flow of damaging soil moisture through cracks and gaps in below grade structures, while relieving hydrostatic pressure. It is comprised of a multi-layer geo-composite combining a high compressive strength core with a geo-textile, bonded to the core for lasting durability. **Delta[®]-Drain** creates an essential path for the vertical and horizontal drainage of soil moisture and filtering of soil particles.

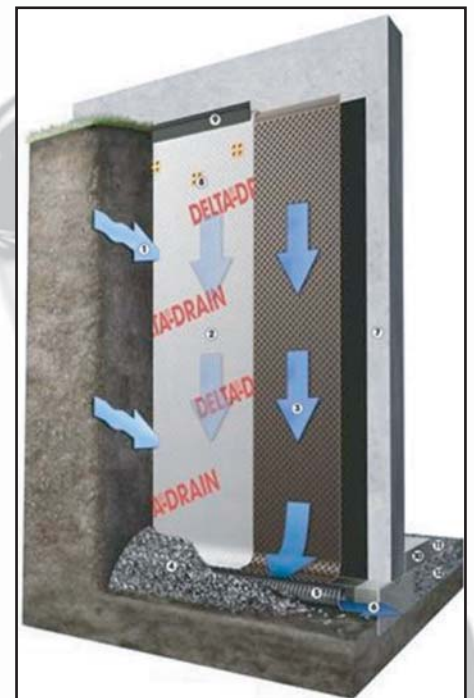
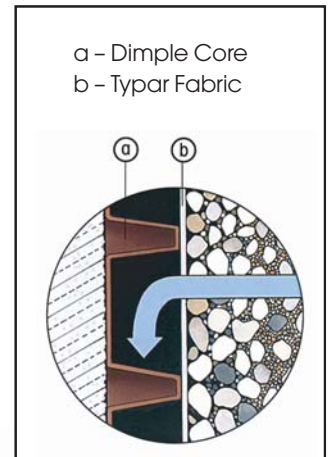
Delta[®]-Drain has been used in a wide variety of exterior applications where redirection of ground water and pressure relief are of primary concern. **Delta[®]-Drain** is typically used in conjunction with liquid and sheet applied waterproofing membranes and as a stand-alone drainage composite for civil engineering applications.

Core	Test Method	Value
Color		Brown
Weight	ASTM D-3776-96	1.90 oz/ft ²
Compressive Strength	ASTM D-1621-94	5,200 psf
Thickness	ASTM D-1777-96	0.031 in
Material		HDPE – High

Fabric	Test Method	Value
Grab Tensile	ASTM D-4632-91	130 lbs
Elongation	ASTM D-4632-91	60%
Trapezoidal Tear	ASTM D-4533-91	60 lbs
Puncture Strength	ASTM D-4833-88	40 lbs

Table 1

Composite System	Test Method	Value
Water Flow Rate	ASTM D-47 16-03	8.8 gal/min./ft.



For more application information visit
www.drydogbarriers.com
 or email us
info@drydogbarriers.com

Applications

- Hillside construction
- Residential and small commercial foundations
- Full wall drainage
- Retaining walls



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Description:

Delta[®]-Drain is a convenient, economic and environmentally sound subsurface drain board that is specially designed for easy use and versatile application. The specialty TYPAR[®] geotextile screens out soil. Delta[®]-Drain and its high flow capacity core ensure effective drainage for virtually any construction project. This also enhances waterproofing and relieves hydrostatic pressure buildup against subterranean surfaces. Delta[®]-Drain offers the largest variety of sizes on the market today.

Application:

- Vertical Drainage Component of Waterproofing System

Foundation or wall should first be prepped, coated with waterproofing membrane, and allowed to cure per manufacturers instructions. Stand rolls upright and unroll around foundation with fabric facing away from wall. Cut flush with top of grade (or transition where drainage mat is not required such as a brick ledge). Make sure not to damage previously applied waterproofing membrane. Seams should be overlapped at least 1', there is no need to seal the seams when asphalt or other soft waterproofing membranes are used behind Delta[®]-Drain. Seams should be overlapped at least 1' and sealed with BoneDry[™] Trowel Grade asphalt mastic in the absence of a waterproofing membrane behind Delta[®]-Drain. Use a mechanical fastener every 18" at the top of the drainboard.

- Vertical Drainage for Retaining walls or Hydrostatic Pressure Relief

Cracks and form ties in wall should be prepped with RocLoc[™] hydraulic cement and covered with BoneDry[™] Trowel Grade asphalt mastic. Stand rolls upright and unroll around foundation with fabric facing away from wall. Cut slightly above top of grade (or transition where drainage mat is not required such as a brick ledge). Seams should be overlapped at least 1' and sealed with BoneDry[™] Trowel Grade asphalt mastic in the absence of a waterproofing membrane behind Delta[®]-Drain. Use a mechanical fastener every 18" at the top of the drainboard.

Composition & Materials:

See Table 1

Storage:

Delta[®]-Drain should be stored out of direct sunlight.

Technical Services:

Additional technical services are available from DryDog[®] Barriers upon request.