



MAR-FLEX DRAINAGE PRODUCTS

COMMERCIAL AND RESIDENTIAL

Type I and II DrainCore are both impermeable polymeric sheets that while under heat and pressure are formed into dimpled drainage cores that are then bonded to a single layer of non-woven filter fabric. They are engineered to provide ample strength to protect waterproofing membranes against back fill soil and sediment and to provide excellent drainage capabilities.

Type I is a light duty board ideal for basement foundations, retaining walls, planters or bridge abutments but not to be used in depths over 20'.

Type II is a moderate duty board and due to its higher compressive strength provides a stronger resistance to hydrostatic pressure in depths over 20'.

Type III DrainCore Decking Drainage is ideal under slabs, planters and roof gardens, retaining walls, foundation walls, and bridge abutments. Because of the crush proof nature of the geo-net, drainage composites can be used in the most extreme cases where heavy loads and/or heavy vehicular traffic are abundant.

6" 522 DrainAway and 12" 523 DrainAway are designed to replace conventional gravel covered corrugated pipes used for drainage around foundation and retaining walls. The 6" and 12" DrainAway are part of a modular drainage and water collection system for basements, foundations and retaining walls.

Composite Drainage Properties

PRODUCT (ROLL)	THICKNESS	COMPRESSION psf	FLOW RATE g/pm/ft width
TYPE I SIZE: 4' X 50'	.25"	11,000	9
TYPE II SIZE: 4' X 50'	.40"	15,000	21
TYPE III SIZE: 4' X 50'	.22"	40,000	8.5
DRAINAWAY SIZE: 6" or 12" X 150'	1"	9,500	170

Geo-Mat™ Plus and **Geo-Mat** are made of high-density polyethylene (HDPE). The Geo-Mat Plus comes with an attached polypropylene geotextile mat. Geo-Mat™ is made for stand alone dampproofing. Both provide excellent protection and drainage capabilities for basements, foundations and retaining walls.

Geo-Mat Properties

PRODUCT (ROLL)	THICKNESS	COMPRESSION lb/in ²	FLOW RATE g/pm/ft width
GEO-MAT PLUS SIZE: 8' X 50'	.2952"	>29	30.1
GEO-MAT SIZE: 8' X 50'	.2952"	>29	30.1

Drain & Dry Board with ECOSE Technology is a semi-rigid board made from inorganic glass fibers, bonded with a revolutionary new binder chemistry that does not contain phenol, formaldehyde, acrylics or artificial colors. Drain and Dry is designed to provide excellent insulation, protection and drainage capabilities for basements, foundations and retaining walls.

Drain & Dry Board Properties

PRODUCT (BOARD)	R-VALUE	COMPRESSION lb/in	FLOW RATE GHL
³ / ₄ " SIZE: 3' X 4'	3.1	46.8	126.8
1-3/16" SIZE: 3' X 4'	5.0	22.72	249.1
2-3/8" SIZE: 3' X 4'	10.0	30.72	291.4

Shockwave Drainage Board is a recycled cross-link, closed cell Polyethylene-polyolefin foam with a man-made non-woven fabric cover. Shockwave is designed to provide excellent insulation, protection and drainage capabilities for basements, foundations and retaining walls.

Shockwave Board Properties

PRODUCT (BOARD)	R-VALUE ¹	COMPRESSION	FLOW RATE GHL
1" SIZE: 3' X 4'	5.0	Miniscule	50
2" SIZE: 3' X 4'	10.0	Miniscule	101.11

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¹ For three (3) layer Earth-Foam-Concrete