

This bulletin provides simple guidance for selecting drainage mats to be used with Pecora 500LM-V and 500LM-H below-grade STPU waterproofing membranes. Refer to the Pecora 500LM datasheet for membrane installation guidelines.

DRAINAGE MAT TYPES

Vertical Applications (500LM-V)

- Dimpled drainage board (HDPE core)
- Geocomposite drainage mat (core + filter fabric)
- High-flow drainage composite (for deep foundations / high pressure)

Horizontal Applications (500LM-H)

- Geocomposite drainage mat
- High-flow drainage composite for plaza / split slab
- Drainage layer must support anticipated loads

APPROVED DRAINAGE PRODUCTS, by manufacturer

Manufacturer	Product	Type	Application	Product Description
US Drainage	DRAINAGE BOARD 500	Dimpled HDPE Core	Vertical	Standard foundation walls
	DRAINAGE BOARD 700	Dimpled HDPE Core (heavier duty)	Vertical	Deeper backfill / higher loads
	DRAINAGE BOARD 1000	High-strength dimple core	Vertical	Commercial / high-load conditions
	GEO-DRAIN 620	Geocomposite (core + fabric)	Vertical	Commercial walls, higher flow
	GEO-DRAIN 720	High-flow geocomposite	Vertical	Deep foundations / high hydrostatic pressure
	GEO-DRAIN 1000	Heavy-duty geocomposite	Vertical	High-rise / critical applications
	GEO-DRAIN Horizontal	Geocomposite drainage layer	Horizontal	Plaza decks, split slab
	GEO-DRAIN HD	High-load drainage composite	Horizontal	Heavy overburden / podium decks
American Wick Drain (AWD)	SITEDRAIN Sheet (single-sided)	Geocomposite sheet drain (core + fabric)	Vertical	Foundation & retaining walls
	SITEDRAIN DS (double-sided sheet)	Double-sided geocomposite	Vertical or Horizontal	Bidirectional drainage
	SITEDRAIN Strip (6000 / 6400 Series)	Strip drain (core fully wrapped in fabric)	Vertical	Walls / horizontal – trench & underslab
	SITEDRAIN Chimney Drain	Vertical strip/chimney drain	Vertical	Blindside / lagging walls
	SITEDRAIN HQ Combination Drain	Sheet + strip composite system	Vertical	High-flow structural walls
	SITEDRAIN Strip 9000 Series	High-capacity strip drain	Vertical	Deep foundations / high flow
	SITEDRAIN Horizontal Sheet Drains	Geocomposite sheet drain	Horizontal	Slabs, plazas, underslab
Other Manufacturers	Comparable drainage composites	Dimpled boards, geocomposites, or strip drains	Vertical or Horizontal	For use where performance criteria are met