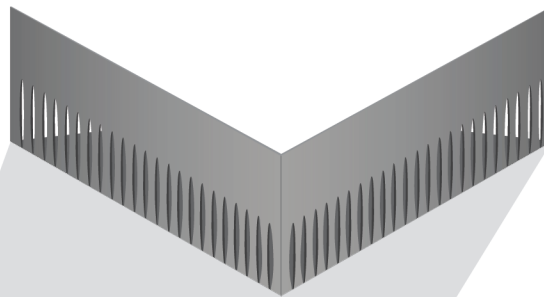
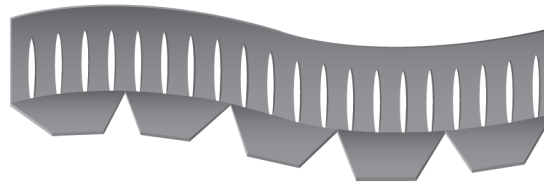
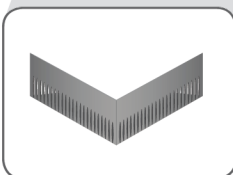
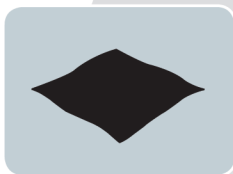
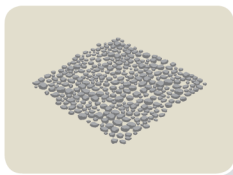
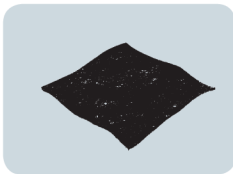
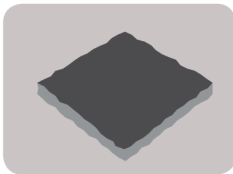
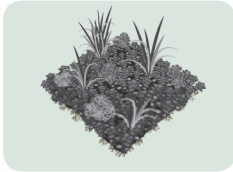


## Edge Restraint



- Media and plant materials are retained by an aluminum or stainless steel edge restraint perimeter. We manufacture a wide range of options to retain green roof systems including straight and flexible edging.
- All components are designed to meet or exceed the flow rate standards set by FLL and ASTM.
- Slot shapes have been engineered to encourage equivalent flow rates throughout the slot depth.
- Available in aluminum (.100"), stainless (16 gauge) & Epoxy PowerCorn® 590-534 available (see data sheet).

### AVAILABLE PRODUCTS

	LENGTH	THICKNESS	SLOT SIZE	SLOT SPACING	VERTICAL LEG	HORIZONTAL LEG
STRAIGHT EDGING	96"	.100"	2.5" x 0.25"	1" OC	3" to 8.5" 0.5" increments	40% Horizontal 0.5" increments
FLEXIBLE EDGING	96"		2.5" x 0.25"	1" OC	3.5" to 8.5" 0.5" increments	3.13"
CLIPS	4"	.100"	-	-	-	-
CORNERS	4"	.090"	-	-	-	-

### FLOW RATES

	DRAINAGE LAYER DEPTH	FACTORY FLOW	DESIGN FLOW PER LINEAR FOOT (Assume 50% clogging with filter fabric)
GRS EDGE RESTRAINT	1"	.0119CFS/ft or 5.4 GPM/ft	2.7 GPM
STANDARD 1" DRAINAGE PRODUCT	1"	21 GPM/sf	1.75 GPM

#### CALCULATION ASSUMPTIONS AND CREDITS

Assumed a flow rate of 3/8", to size the predicted flow rates of the edge restraint.  
Assumed 1" of head to match standard or typical drainage course at full volume.  
Large storm events, resulting in greater than 1" surface flow, will have a higher GPM rating.  
Differentials in the hydrostatic pressure of varying roof media, and non-drainage course flow, have not yet been calculated.  
Model assumed 50% clogging of the orifice to guarantee flows over time and assume filter fabric will build up particle matter.