STEGMEIER LLC

Product Submittal Sheet

Tech Support: 800-382-5430 | Fax: 800-356-3602
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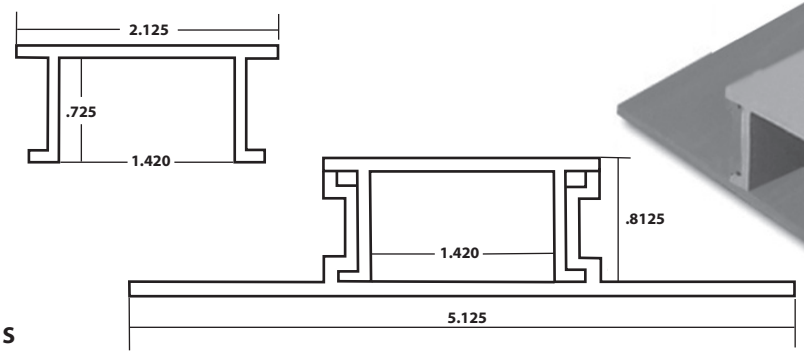
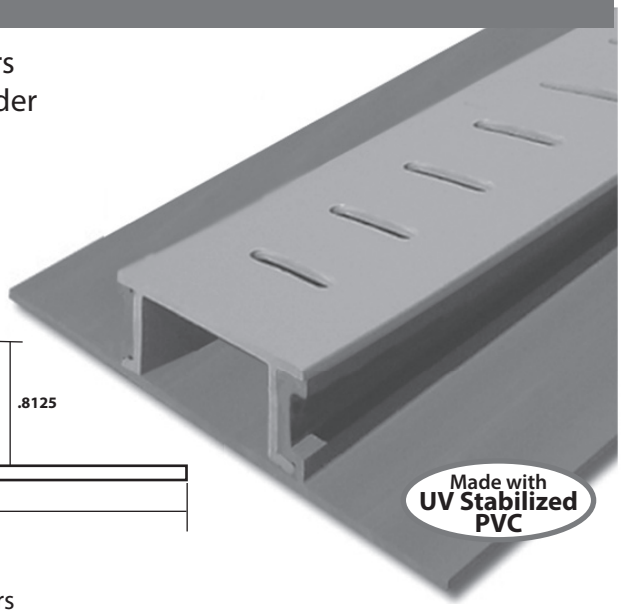
MINI PAVER DRAIN

The Mini Paver Drain is designed to be used when 1" thick pavers are installed on an existing surface. The extended base goes under the surrounding pavers to ensure a stable installation.





FLOW RATE:
Drain Calculations

Assumptions/ Constants:

Gradient - Slope (S) 1 in 200 (0.5%)	0.005 ft/ft, Contains UV inhibitors
Surface Roughness (Mannings n)	0.009 Plastic (PVC & ABS)
Rainfall Intensity (1) (TxDOT Manual)	5.8 in/hr for 10 year storm with time of concentration = to time of duration of 20 min.
Runoff Coefficient (C) (TxDOT Manual)	0.95 For concrete city streets 0.9 - 0.95 - i.e. all concrete pool deck

DRAIN NAME	Area A (ft^2)	Wetted Perimitter P (ft)	Hydraulic Radius R (ft)	Velocity V (ft/s)	Capacity - Q (cfs)	Capacity - Q (liters/sec)	Capacity - Q (gal/min)	Catchment Area - A (Acre)	Catchment Area - A (ft^2)	Catchment Area - A (m^2)	Length (ft)
MINI PAVER DRAIN	**0.008**	**0.245**	**0.031**	**1.146**	**0.009**	**0.2**	**3.9**	**0.002**	**68**	**6**	**1**

Notes/Equations:
1. Above Catchment area based upon 1 foot, 1 meter, etc of the drain section.
2. R = A/P
3. v = (1.49/n)*(R)^(2/3)*(S)^(1/2)
4. Q = vA
5. A = Q/CI

Cartons includes: 8 pcs. 10' Base, 8 pcs. 10' Top Cap and 8 Couplers.

Project Information	Contractor Information	Architect Information
Name:	Name:	Name:
Address:	Contact:	Contact:
	Phone:	Phone:
	Fax:	Fax: