

# SITEDRAIN™ E-50

## PREFABRICATED SHEET DRAIN



### PRODUCT OVERVIEW

SITEDRAIN E-50 CORE is a dimpled polymeric sheet. The solid core is designed to provide a continuous flow channel for water and/or air against below grade structures or between structural slabs.

SITEDRAIN E-50 CORE is an economical solution for applications requiring moderate strength and moderate flow capacity.

PROPERTY <sup>1</sup>	TEST METHOD	UNIT OF MEASURE	E-50-6	E-50-6.5	E-50-8
<b>CORE</b>					
Material <sup>2</sup>			PP	PP	PP
Color			Black	Black	Black
Water Flow Rate <sup>3</sup> (HG = 1.0)	ASTM D4716	gpm/ft	12.5	12.5	12.5
		Lpm/m	155	155	155
Water Flow Rate <sup>3</sup> (HG = 0.1)	ASTM D4716	gpm/ft	3.5	3.5	3.5
		Lpm/m	43	43	43
Thickness	ASTM D1777	in	0.315	0.315	0.315
		mm	8	8	8
Compressive Strength	ASTM D6364 ASTM D1621	psf	5,200	5,200	5,200
		kPa	249	249	249
Air Gap Volume <sup>4</sup>	CALCULATED	gal/ft <sup>2</sup>	0.13	0.13	0.13
		L/m <sup>2</sup>	5.3	5.3	5.3
Product Life Expectancy <sup>5</sup>			>25 years	>25 years	>25 years
Chemical Properties			Excellent Chemical Resistance; Root & Rot Resistant	Excellent Chemical Resistance; Root & Rot Resistant	Excellent Chemical Resistance; Root & Rot Resistant
Toxicity			Non-Polluting; Non-Toxic	Non-Polluting; Non-Toxic	Non-Polluting; Non-Toxic
Roll Size	MEASURED	ft	6 x 50	6.5 x 50	8 x 50
Roll Weight <sup>6</sup>	MEASURED	lbs	34	38	50
Item Codes			16310	16320	16330

<sup>1</sup> Unless otherwise noted, all physical and performance properties listed are Typical Values as defined in ASTM D4439.

<sup>2</sup> PP = Polypropylene

<sup>3</sup> In-plane flow rate measured under 1,440 psf (69 kPa) compressive load at referenced hydraulic gradient.

<sup>4</sup> Approximate value

<sup>5</sup> Cumulative UV exposure not to exceed 30 days.

<sup>6</sup> Approximate packaged roll weight

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