

J-DRain[®] SWD

Edge Drain Composites



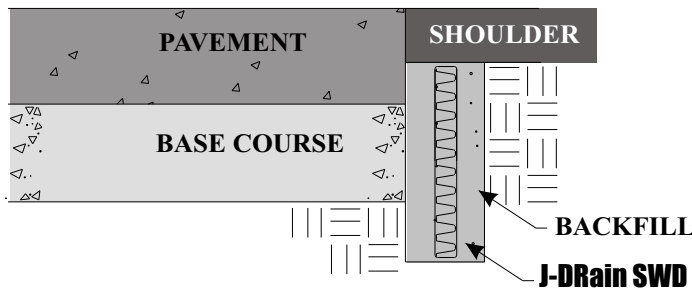
Product Description

J-DRain SWD is a composite drainage system consisting of a 3-dimensional, high flow, drainage core and a non-woven, needle-punched filter fabric. The filter fabric is wrapped and bonded to the drainage core, preventing intrusion of the filter fabric into the flow channels during the backfilling process. Soil particles are held back by the filter fabric allowing water to pass through to the drainage core to be collected and conveyed to the discharge point.

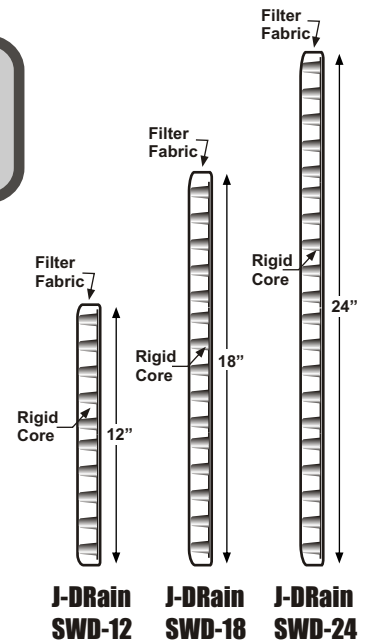


HIGHWAY EDGE DRAINS

J-DRain SWD-12 / SWD-18 / SWD-24 / SWD-36



TYPICAL HIGHWAY EDGE DRAIN DETAIL



Physical Properties

Core			Fabric	
Compressive Strength (ASTMD-1621)	8,500-11,000 psf	(407-527 kN/m ²)	Flow (ASTM D-4491)	140 gpm/ft ² (5698 lpm/m ²)
Thickness (ASTM-1777)	1 in.	(2.54 cm.)	Puncture (ASTM D-4833)	65 lbs. (.30 kN)
In-Plane Flow (ASTMD-4716)	30 gpm/ft width	(372 lpm/m)	AOS (ASTM D-4751)	70 U.S. Sieve (.212 mm)
(Q&518 psf & Hydraulic gradient = .1)			Grab Tensile (ASTM D-4632)	100 lbs. (.45 kN)
Roll	Roll Weight:	38, 68, 83, 98, & 128 lbs. (17, 30, 37, 44, & 57 kgs.)	Mullen Burst (ASTM D-3786)	210 PSI (1447 KpA)
	Roll Width:	6", 12", 18", 24", & 36" (15, 30, 38, 45, & 60 cm.)	U.V. Resistance (ASTM D-4355)	70% @500 hrs.
	Roll Length:	165 ft. (50.29 meters)		

The information contained herein is believed by JDR Enterprises, Inc. to be accurate and is offered solely for the customer's consideration, investigation and verification. Determination of suitability for use is the responsibility of the user.

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