

J·DRAIN[®] SWD Series

Site Water Drainage

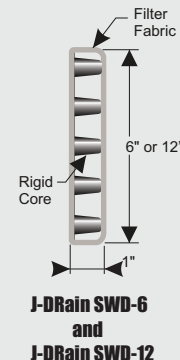
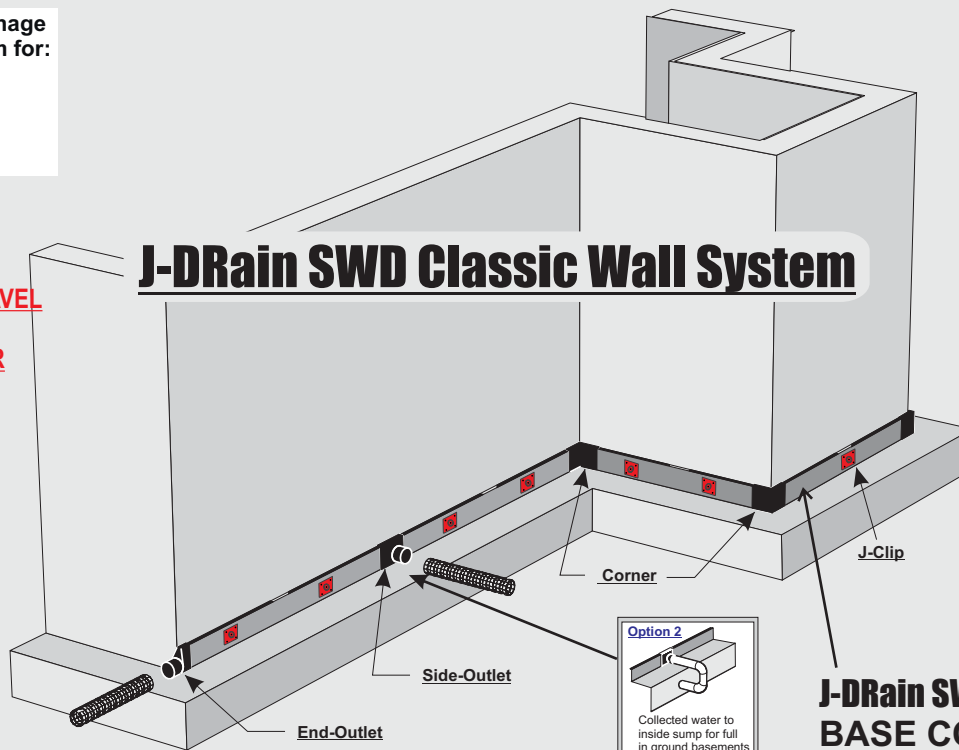
Foundation Wall Drainage System

The first truly modular drainage and water collection system for:

- BASEMENTS
- FOUNDATIONS WALLS
- RETAINING WALLS

- **ELIMINATES PIPE & GRAVEL**
- **SAVES TIME AND LABOR**
- **LIGHTWEIGHT AND EASY TO INSTALL**
- **COST EFFECTIVE**
- **CODE APPROVALS**

ESR-1901

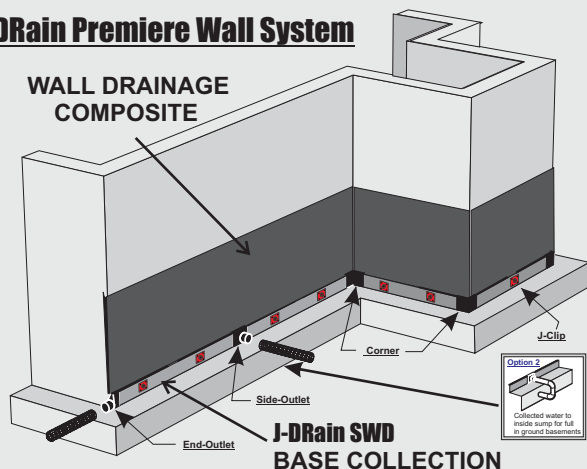


J-DRain SWD BASE COLLECTION

Classic: J-DRain SWD-6 Composite Drainage System

J-DRain SWD-6 is a modular composite drainage and collection system consisting of a 3-dimensional, high-flow, drainage core which is wrapped with a non-woven filter fabric. It is designed to replace a conventional sand or gravel covered pipe drain around building foundations and retaining walls. Soil particles are held back by the filter fabric allowing water to pass through to the drain core for easy removal by sump or by running to daylight. Available in 6 inch and 12 inch widths. A full array of fittings are available in the system to allow for a fast and easy installation. **J-Clips** are used to hold the **SWD** vertically against the foundation wall for a secure hold and **J-Tape** is used to attach all **J-DRain** fittings.

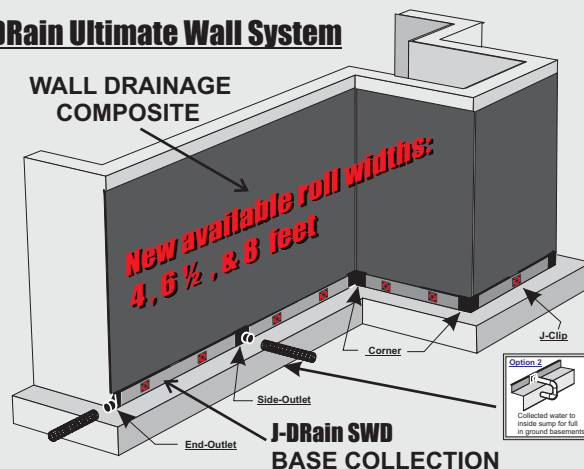
J-DRain Premiere Wall System



Premiere: J-DRain SWD-6 plus 4ft wall drainage

Combines **J-DRain SWD** collection system with 4 ft of **J-DRain wall drainage composite**. This allows a passage for water towards the bottom of the foundation wall to the collection system.

J-DRain Ultimate Wall System



Ultimate: J-DRain SWD-6 plus full coverage wall drainage

Combines **J-DRain SWD** collection system with full coverage of **J-DRain wall drainage composite**. Full wall coverage helps protect the waterproofing and forms a barrier between the soil and foundation wall. This also allows a passage for water towards the bottom of the foundation wall to the collection system.

J·DRAIN[®] SWD

Site Water Drainage

BRO-MOD-0316



Foundation Wall Drainage System

INSTALLATION INSTRUCTIONS:

1. Apply waterproofing system to wall.
2. Determine location of fittings for base part. Cut **J-Drain SWD** to proper length between fittings. (Allow for extra length for insertion into fittings) Insert **J-Drain SWD** completely into fittings. Tape fittings with **J-TAPE**.
3. Bond fittings and **J-Drain SWD** to base of wall with either soil, waterproofing mastic, panel adhesive, insulation board adhesive, or **J-CLIPS**.
4. Connect base fittings to 4" corrugated plastic drain pipe and run to sump or daylight. Special care should be taken to properly compact soil under drain pipe to prevent settling of drain pipe.
5. Backfill and compact soil.

ESR-1901



<p>6" & 12" END OUTLET</p>	<p>6" ONLY ENDCAP</p>	<p>6" & 12" SIDE OUTLET</p>
<p>6" & 12" SPLICE</p>	<p>6" & 12" CORNER</p>	<p>6" ONLY STEP DOWN</p>
<p>J-TAPE</p>		<p>J-CLIPS</p>

J-Drain SWD Fittings & Accessories



Unrolling SWD



Corner Fitting



End Outlet Fitting



Step Down Fitting

Physical Properties

Core	Compressive Strength (ASTMD-1621)	9,500 psf (455 kN/m ²)
	Thickness (ASTM-1777)	1 in. (2.54 cm.)
	Flow (ASTMD-4716) (Hydraulic gradient = .1)	30 gpm/ft width (372 lpm/m)
Roll	Roll Weight:	35 lbs. or 65 lbs. (16.7 kgs. & 29.2 kgs.)
	Roll Width:	6" or 12" (15 cm. & 30 cm.)
	Roll Length:	165 ft. (50.29 meters)

Fabric	Flow (ASTM D-4491)	140 gpm/ft ² (5704 lpm/m ²)
	CBR Puncture (ASTM D-6241)	250 lbs. (1.11 kN)
	AOS (ASTM D-4751)	70 U.S. Sieve (.212 mm)
	Grab Tensile (ASTM D-4632)	100 lbs. (.45 kN)

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. JDR's Limitations, Limited Warranty, & Disclaimer along with Standard Terms & Conditions apply. See www.j-drain.com for more info. Limitations: J-Drain is resistant to chemicals in normal soil environments. However, some reagents may affect the performance of J-Drain. A JDR representative should be contacted for further information to determine the suitability of use of J-Drain in unusual soil environments. J-Drain should be limited to its exposure to ultra-violet sunlight. J-Drain should be backfilled or covered within seven days of installation. Disclaimer: All information, drawings and specifications are based on the latest published information at the time of printing. JDR reserves the right to make changes due to manufacturing improvements and engineering at any time. All physical properties are minimum average roll values (MARV). Standard variations of 10% in mechanical properties and 15% in hydraulic properties are normal.

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