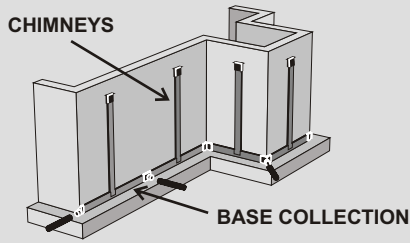


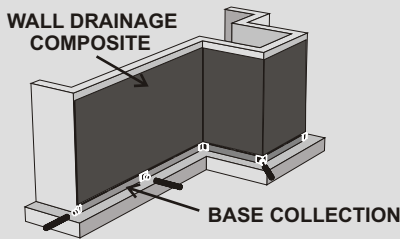


PRE-FABRICATED DRAINAGE COMPOSITES FOR RESIDENTIAL CONSTRUCTION



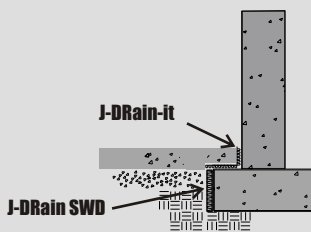
BASEMENT DRAINAGE

J-DRain SWD is a unique drainage system consisting of vertical chimneys and a base collection system that is both easy to install and can be installed at a fraction of the cost of pipe and gravel french drains. See page 2 for details.



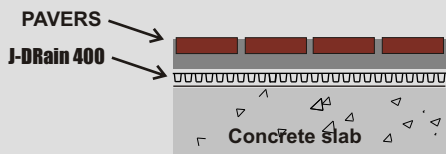
ULTIMATE BASEMENT DRAINAGE

J-DRain 200 wall composite used along with **J-DRain SWD** base collection system provides the ultimate drainage and water protection for basement construction. This system replaces gravel back fill and pipe and gravel french drains. See page 2 for details.



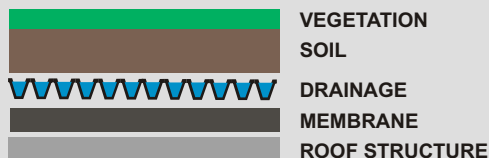
INTERIOR BASEMENT DRAINAGE

J-DRain-it is an interior drainage system used in both new and retrofit construction. It provides a passage way for water to pass from the floor slab to the **J-DRain SWD** under drain. The water is removed by a sump pump in the basement slab or transferred to daylight. See page 3 for details.



PATIOS AND PLAZA DECKS

J-DRain 400 is ideal for providing drainage in horizontal applications such as patios and plaza decks. When used in conjunction with a good membrane, it provides protection against water penetration and freeze protection. See page 3 for details.



GREEN ROOF DRAINAGE

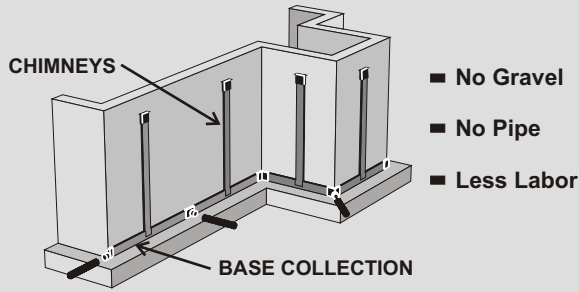
J-DRain GRS is a green roof drainage composite. Its design allows for drainage of excess rain water and storage cells that hold water for later use in the plant and soil layer. A special root barrier fabric prevents root penetration into the drainage layer. See page 4 for details.



LANDSCAPE DRAINAGE

J-DRain SWD-6 is a drainage composite for providing drainage in landscape applications. It is inserted into a shallow trench in place of pipe and gravel to provide drainage in lawns and landscape. See page 4 for details.

J-DRain[®] SWD

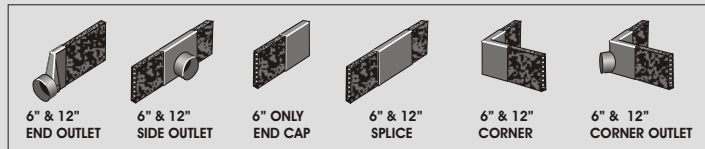


BASEMENT DRAINAGE

J-DRain SWD consists of a rigid inner core wrapped and bonded to a filter fabric to form a drainage collection system for use on basement foundations in place of pipe and gravel french drains. It is also installed vertically as chimneys for additional drainage and hydrostatic relief. Chimneys are ideal for providing drainage under window wells. Contact manufacturer or www.j-drain.com for detailed installation instructions on window wells.



SYSTEM FITTINGS



Product	Width	Length	Weight
J-DRain SWD-6	6 in. (15.2 cm.)	150 ft. (45.72 m.)	30 lbs. (13.5 kgs.)
J-DRain SWD-12	12 in. (30.4 cm.)	150 ft. (45.72 m.)	60 lbs. (27 kgs.)



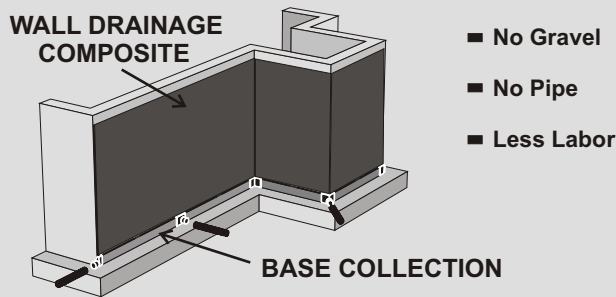
J-DRain[®] 200

WALL DRAINAGE

USED WITH

J-DRain[®] SWD

BASE COLLECTION SYSTEM



ULTIMATE BASEMENT DRAINAGE

J-DRain 200 wall drainage composite is used to cover the entire below grade surface of the wall for drainage and hydrostatic relief. **J-DRain SWD** is then installed at the base of the wall for the collection and removal of collected water. Water is taken to an inside sump or to daylight. This system replaces gravel back fill and pipe and gravel french drains.

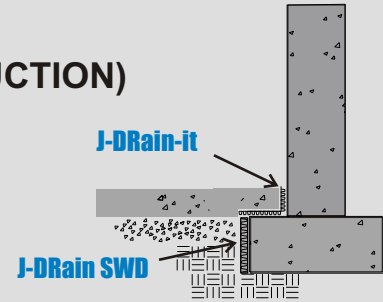
Product	Width	Length	Weight
J-DRain SWD-6 & J-DRain SWD-12		(SEE ABOVE)	
J-DRain 200	4 ft. (1.22 m.)	50 ft. (15.24 m.)	32 lbs. (14.4 kgs.)



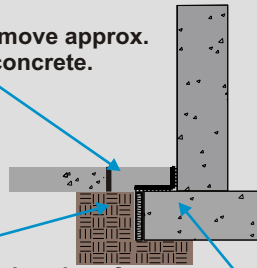
J-DRain-it

INTERIOR BASEMENT DRAINAGE (NEW CONSTRUCTION)

J-DRain-it is an interior drainage system consisting of an L-Shaped dimple core that is installed against a foundation wall and on top of the footing prior to the placement of the basement slab. This provides an opening for water to escape to the gravel fill under the basement slab. This excess water is taken to daylight or to a sump for removal with the use of **J-DRain SWD-6**.



Step 1. Saw cut and remove approx. 2' of existing concrete.



Step 2. Excavate soil along interior of footing and place **J-DRain SWD-6** and run to sump or daylight. Replace soil and compact.

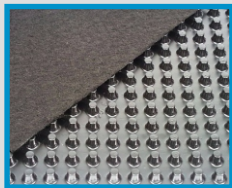
Step 3. Install **J-DRain-it** as shown on footing and against wall and replace concrete floor.

INTERIOR BASEMENT DRAINAGE (RETROFIT CONSTRUCTION)

	ROLL WIDTH	ROLL LENGTH	ROLL WEIGHT
J-DRain-it	12 in. (30.4 cm.)	50 ft. (15.24 m.)	8 lbs. (3.6 kgs.)

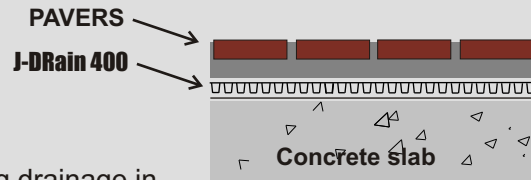
J-DRain 400

PATIOS AND PLAZA DECKS



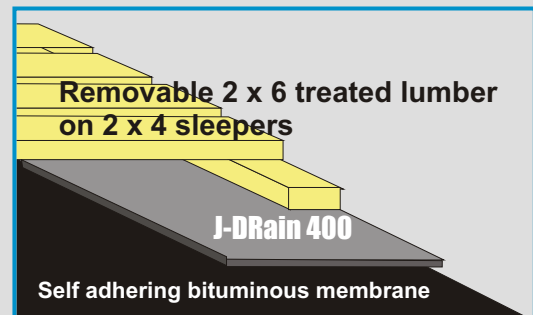
J-DRain 400

J-DRain 400 is ideal for providing drainage in horizontal applications such as patios and plaza decks. When used in conjunction with a good membrane, it provides protection against water penetration and freeze protection.



WOOD DECK DRAINAGE

J-DRain 400 is ideal for providing drainage on suspended wood decks where rain water control is a must. A self adhering membrane is placed on the structural deck, followed by a layer of **J-DRain 400**.



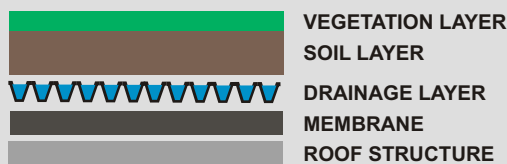
Product	Width	Length	Weight
J-DRain 200	4 ft. (1.22 m.)	50 ft. (15.24 m.)	32 lbs. (14.4 kgs.)

J-DRain[®] GRS

GREEN ROOF DRAINAGE



Figure 1. J-DRain GRS core has inter-locking dimples



GREEN ROOF CROSS SECTION

J-DRain GRS is a pre-assembled drainage composite consisting of a high strength dimpled core and two layers of filter fabric attached top and bottom (see figure 1). The dimpled core has water retention chambers for storing water while allowing excess rainwater to pass through into the roof's collection system. The top layer of filter fabric is a root barrier and retains the soil layer in place. The bottom layer of fabric acts as a protection media for the roofing membrane.

This Green Roof being planted will provide a garden or terrace level.



Additional information www.j-drain.com. or contact manufacturer.

Product	Width	Length	Thickness	Weight
J-DRain 400	4 ft. (1.22 m)	50 ft. (15.24 m.)	.38 in. (.93 cm.)	40 lbs. (18 kgs.)
J-DRain GRS	4 ft. (1.22 m.)	50 ft. (15.24 m.)	1 in. (2.54 cm.)	69 lbs. (31 kgs.)

J-DRain[®] SWD-6

LANDSCAPE DRAINAGE



Installing J-DRain SWD-6 into shallow trenches

J-DRain SWD-6 is a drainage composite for providing drainage in landscape applications. It is inserted into a shallow trench in place of pipe and gravel to provide drainage in lawns and landscape.



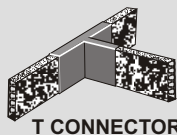
Inserting into fitting/tape



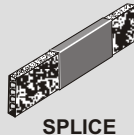
Installing Sand back fill



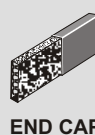
END OUT



T CONNECTOR



SPLICE



END CAP

Product	Width	Length	Weight
J-DRain SWD-6	6 in. (15.4 cm.)	150 ft. (45.72 m.)	30 lbs. (13.5 kgs.)