

# J-DRain®

Prefabricated Drainage Composites



## APPLICATIONS

UNDER-SLABS  
PLAZA DECKS  
SPLIT-SLABS

## J-DRain® 990

SECTION 02622



### J-DRain® 990

Consists of a heavy duty impermeable polypropylene sheet cusped under heat and pressure to form a high flow dimpled drainage core. The drainage core is chemically resistant and designed for applications where chemical exposure is possible. The core is then bonded to a layer of woven filter fabric. The filter fabric retains soil or sand particles as well as freshly placed concrete or grout, allowing filtered water to pass into the drainage core.

**J-DRain 990** Specifically designed for projects demanding the highest compressive strength and filtration such as split slab, under slab, and plaza decks. Soil is retained while allowing water to pass into the drainage core. The collected water is then conveyed to a proper collection system. Suitable to receive concrete toppings.

## Physical Properties

### Core

### Fabric

Compressive Strength (ASTM D-1621)	33,000 psf	1580 kNm2
Thickness (ASTM D-1777)	.40 in.	1.016 cm.
Flow (ASTM D-4716)	21 gpm/ft width	261 lpm/m width
Hydraulic gradient = 1		

Roll Weight	50,100 lbs.	22,44 kgs.
Roll Width	4 ft.	1.22,2.45 meters
Roll Length	50 ft.	15.24 meters

Flow (ASTM D-4491)	145 gpm/ft2	5907 lpm/m2
Puncture (ASTM D-4833)	100 lbs.	.44 kN
AOS(EOS) (ASTM D-4751)	40 U.S.Sieve	.42 mm
Grab Tensile(ASTM D-4632)	365 lbs	1.62 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 Enterprises, Inc.

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