

J-DRain[®] 990

Prefabricated Drainage Composites

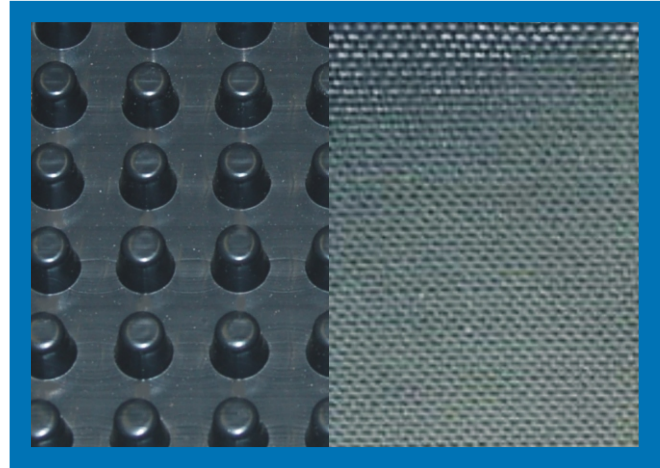


APPLICATIONS

UNDER-SLABS

PLAZA DECKS

SPLIT-SLABS



Application

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.

Product Description

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.

Physical Properties

<i>Core</i>		<i>Fabric</i>	
Compressive Strength (ASTM D-1621)	33,000 psf 1580 kNm ²	Flow (ASTM D-4491)	145 gpm/ft ² 5907 lpm/m ²
Thickness (ASTM D-1777)	.40 in. 1.016 cm.	Puncture (ASTM D-4833)	100 lbs. .44 kN
Flow (ASTM D-4716) Hydraulic gradient = 1	21 gal/min/ft 261 l/min/m	AOS(EOS) (ASTM D-4751)	40 U.S.Sieve .42 mm
Roll Weight	50 lbs. 22 kgs.	Grab Tensile(ASTM D-4632)	365 lbs 1.62 kN
Roll Width	4 ft. 1.22 meters		
Roll Length	50 ft. 15.24 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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