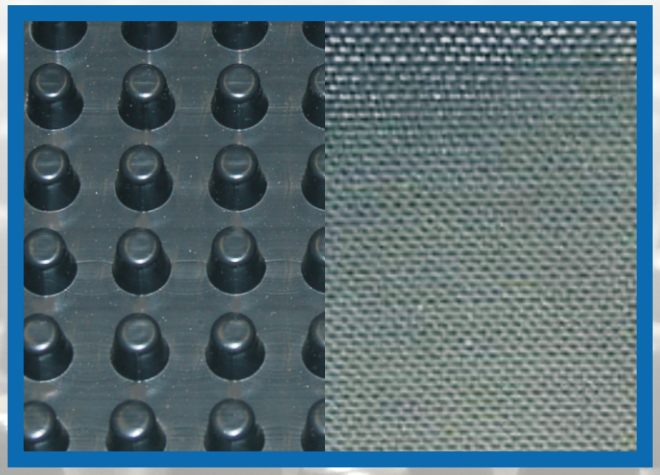
J·DRAIN®

Prefabricated Drainage Composites

J·DRAIN® 990



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 cuspated 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.

Core

Compressive Strength (ASTM D-1621)	33,000 psf 1580 kNm^2
Thickness (ASTM D-1777)	.40 in. 1.016 cm.
Flow (ASTM D-4716) Hydraulic gradient = 1	24 gal/min/ft 298 l/min/m

Roll Weight	52 lbs.	23 kgs.
Roll Width	4 ft.	1.22 meters
Roll Length	50 ft.	15.24 meters

Physical Properties

Fabric

Flow (ASTM D-4491)	60 gpm/ft^2 2460 lpm/m^2
CBR Puncture (ASTM D-6241)	850 lbs. 3.78 kN
AOS(EOS) (ASTM D-4751)	40 U.S.Sieve .42 mm
Grab Tensile(ASTM D-4632)	370 lbs 1.64 kN

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