



## SJ2-DRAINMAT

Year of last update: 2023

Function: Drainage

STRUCTURE: SJ2-DRAINMAT is a high density extruded polyethylene (HDPE) membrane, bonded to a filter geotextile.



SJ2-DRAINMAT is an HDPE composite dimple board with a geotextile filter fabric, designed to efficiently allow water to pass through, providing both hydrostatic relief and protection of waterproofing materials from backfill such as soil, sand particles, or fresh concrete. Water is able to penetrate the fabric on all sides, while the dimpled core provides flow channels to pass water to the appropriate collection system.

SJ2-Drianmat is an upgraded, cost efficient solution to traditional dimple board products. The impermeable HDPE core makes it superior in strength and longevity, especially in brackish conditions, while the high compressive strength and high flow capacity make it the perfect solution for both backfilled walls and horizontal applications.

### DRAINAGE CORE

Raw material	HDPE
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### STANDARD DIMENSIONS

Roll width	4' - 8'
Roll length	50'
Rolls/pallet (40" x 48" pallet)	7

Other sizes may be available upon request

### FILTER GEOTEXTILE

Raw material	PP NON WOVEN
Grab tensile (ASTM D 4632)	90 lbs (0.4 kN)
AOS (ASTM D 4751)	47 US Sieve (0.21 mm)
CBR puncture (ASTM D 6241)	265 lbs (1.18 kN)

### PHYSICAL/MECHANICAL CHARACTERISTICS

Thickness (ASTM D 1777)	0.40 in (10.16 mm)
Compressive strength (ASTM D 1621)	15,000 psf (718 kN/m <sup>2</sup> )
Drain Flow (Hydraulic Gradient = 1)	21/g/min/ft (260 L/min/m)