

DeckFlow

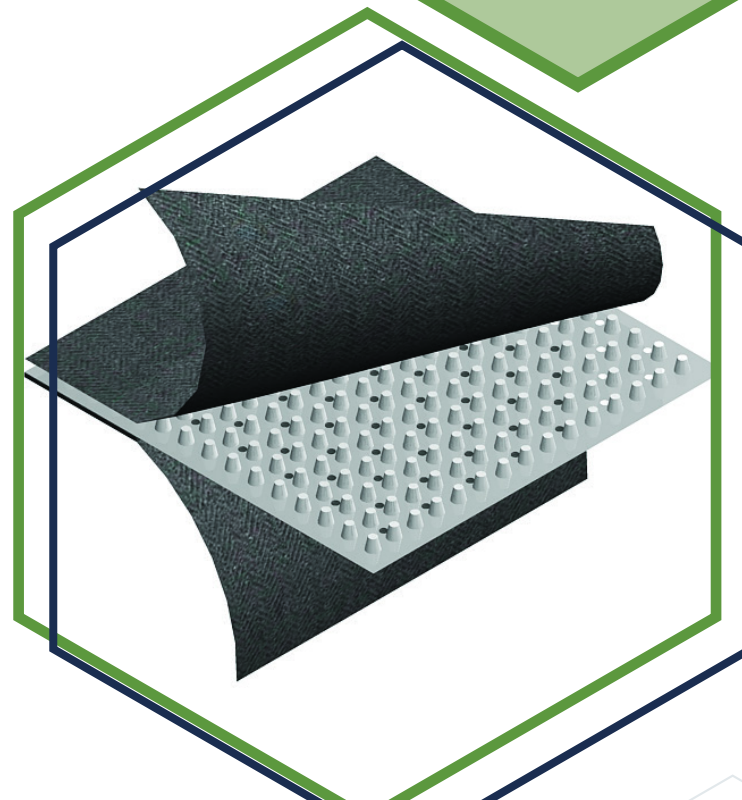
DOUBLE-SIDED DRAINAGE MAT

A low-profile drainage layer for artificial turf over decks, rooftops, balconies and terraces.

ROLL SIZE 4 ft x 50 ft	COVERAGE 200 sq ft / roll
THICKNESS 0.25 in (6.35 mm)	ROLL WEIGHT 31 lb
CORE STRENGTH 9,000 psf typical	IN-PLANE FLOW 12 gpm/ft typical
CONSTRUCTION Geotextile / core / geotextile	GEOTEXTILE PP needle-punched nonwoven

TURF USA

506 NW 77th Street | Boca Raton, FL 33487
(888) 909-5679 | sales@turfusa.com | turfusa.com



OUTDOOR INSTALLATION

Leave a 1/4-inch gap between adjacent rolls for temperature-related movement.

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE	MARV
GEOTEXTILE				
Material	-	-	PP, NPNW	PP, NPNW
Survivability	AASHTO M288	Class	-	-
Grab tensile strength	ASTM D4632	lb / N	100 / 445	80 / 356
Grab elongation	ASTM D4632	%	70	50
CBR puncture	ASTM D6241	lb / N	305 / 1,356	210 / 934
Trapezoidal tear	ASTM D4533	lb / N	50 / 222	30 / 133
UV resistance	ASTM D4355	% / 500 hr	70	70
Apparent opening size (AOS)	ASTM D4751	sieve / mm	70 / 0.212	50 / 0.300
Permittivity	ASTM D4491	sec ⁻¹	2.7	2.2
Water flow rate	ASTM D4491	gpm/ft ² / Lpm/m ²	165 / 6,724	150 / 6,112
CORE				
Compressive strength	ASTM D6364 / D1621	psf / kPa	9,000 / 431	-
Thickness	ASTM D5199	in / mm	0.25 / 6.35	-
In-plane flow rate	ASTM D4716	gpm/ft / Lpm/m	12 / 149	-
COMPOSITE				
Available roll size	-	ft	4 x 50	-
Roll weight	-	lb	31	-

Physical and performance properties are typical values or minimum average roll values (MARV), as defined by ASTM D4439, unless otherwise noted.

PP = polypropylene; NPNW = needle-punched nonwoven. AOS values represent maximum average roll values (MaxARV).

In-plane flow was measured at a 3,600 psf (172 kPa) compressive load and a hydraulic gradient of 1.0.

Provide positive slope and designated drainage exits. Contact Turf USA for full installation instructions and confirm project requirements before installation.