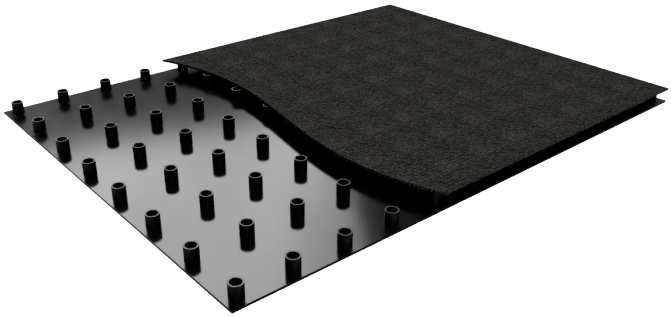
HydraPanel™ is a geocomposite subsurface drainage bridging material that's composed of a structured high-density polyethylene (HDPE) perforated core that is thermally bonded to a geotextile filter fabric.



HydraPanel is designed and manufactured with a built-in protection board that eliminates the need for additional products. HydraPanel is used in conjunction with Hydraway, together creating a system that eliminates standing water.

HydraPanel comes in a roll that is 38 inches wide, including a 2-inch flange, by a length of 75 feet. The flange creates an overlap when laying HydraPanel, ensuring backfill material doesn't enter the system. It also comes in a two-roll package with each roll being 19 inches wide by a length of 75 feet.

PROPERTY	TEST METHOD	UNIT OF MEASUREMENT	WD300	WD300SLIT
Size		in x ft	38 x 75	2 - 19 x 75
GEOTEXTILE[1] – NEEDLE-PUNCTURED, NONWOVEN				
Elongation	ASTM D-4632-91	%	50	50
Grab Tensile	ASTM D-4632-91	LBS	120	120
Puncture Strength	ASTM D-4833-00	LBS	65	65
Mullen Burst Strength	ASTM D-3756-87	PSI	225	225
Trapezoidal Tear	ASTM D-4533-91	LBS	50	50
Wide width Tensile	ASTM D-4595	LBS/IN	50	50
UV Resistance[2]	ASTM D-4355-02	%	70	70
Permitivity	ASTM D-4491-99A	SEC	1.8	1.8
Permeability	ASTM D-4751-99A[4]	CM/SEC	.21	.21
Flow Rate	ASTM D-4491	GAL/MIN/FT^2_4	135	135
AOS (EOS)	ASTM D-4751-99A	US STANDARD SIEVE	70	70
CORE – HDPE				
Compressive Strength	ASTM D-695/1621_4	PSF	19,000	19,000
Flow Rate at 1,500 PSF	ASTM D-47162_3	GPM/ft-width	27	13.5
Peel Strength[6]	ASTM D-1876	lbs/ft-width	35	35

1. 4 oz fabric
2. Based on 500 hours of testing
3. Gradient of 0.1
4. Values shown are in weaker principal direction. Minimum average roll values are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that nay samples taken from quality assurance testing will exceed the value reported.
5. Modification was made to an existing ASM test since a recognized test method had not been established for this type of product at time of testing.
6. Fabric to core