



PRODUCT SPECIFICATION NEXXPAD 2.0

Proprieties	Test method	Results	Results
Material		Expanded close cell Olefin	Expanded close cell Olefin
Thikness		1 inche	25mm
Width		42"	106.6 cm
Length		40.5"	102.87 cm
Compressive strenght @			
25% strain	ASTM D3575	23 Psi	0,16 Mpa
<u>50% strain</u>	ASTM D3575	33 Psi	0,23 Mpa
<u>75% strain</u>	ASTM D3575	64 Psi	0,44 Mpa
Tensile Strenght	ASTM D3575	55 Psi	0,38 Mpa
Tensile Elongation	ASTM D3575	15%	15%
Tear Strenght	ASTM D3575	1571 lb/ft.	2,13 KN/m
Flexural Strenght	ASTM D790		0,38 Mpa
Flexural Modulus			11,6 Mpa
Dimesnional stability (mm/mm/C x 10-5)	ASTM D696	5,9	5,9
Water Absorption gms/cc x 10-3	ASTM C272	8,1.	8,1.
Chemical Resistance	Various	Pass	Pass
Static load limit with turf (24h)	Internal	30 Psi	0.20 Mpa
Static load limit with turf (5 min)	Internal	60 Psi	0.41 Mpa
Friction coefficient with			
3/8" gauge	Internal	0,87	0,87
3/4" gauge	Internal	1,15	1,15
NEXXDRAIN Water retention			
Top surface	Internal	0.45 gal / s.yd.	2.06 l / sq.m.
Drain chanel	Internal	0.41 gal / s.yd.	1.92 l / sq.m.
Vertical percolation at edge	EN 12616	3543 inches / h	90 000 mm / h
In-plane Flow rate	ASTM-D4716-D4492	1.17 gal/min/ft	14.5 l / min / m
G max	ASTM F355	<85	<85
Force reduction	EN 14 808	>60	>60