



IPP Ultra Studded High Compression Protection Membrane System

Certificate number 1213-CPD-3988
 Year of last revision 10
 Reference norm UNI EN 13252
 Application Drainage systems

STRUCTURE: IPP Ultra Studded High Compression Protection Membrane System is a dimple membrane in HDPE of high compression resistance and 20 mm thick. Presence of holes allows vertical drainage.



DRAINAGE

PROPERTIES

Raw material (+ UV stabilizer)	HDPE		
Weight	EN 9864	lb/ft ²	23.73036
Foil thickness		in	.03937008

PHYSICAL/ MECHANICAL CHARACTERISTICS

Compression resistance	ISO 25619-2	psf	3.132821
Tensile strength MD	EN ISO 10319	psf	.187969
Extension at max load MD	EN ISO 10319	%	20
Tensile strength CMD	EN ISO 10319	p/ft	6638.935
Extension at max load CMD	EN ISO 10319	%	20

HYDRAULIC PERFORMANCES

Plane flow capacity (20kPa, S/R, i=1)	EN ISO 12958				
Plane flow capacity MD	EN ISO 12958				
	<i>Hydraulic gradient</i>	<i>Contact</i>	<i>i = 0.04</i>	<i>i = 0.10</i>	<i>i = 1</i>
	<i>Load: 2.90075476/psi</i>	S/R	2.50	4.30	10.00

S/R contact Soft/Rigid

Water storage	gal/ft ²	.142346
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DURABILITY

Forecast of minimum durability (natural soils 4<pH<9 and T<25°C)	years	5
Product to be covered within 2 weeks after installation		

DIMENSIONAL CHARACTERISTICS

STANDARD DIMENSIONS			
Roll width	m	2	±0,01
Roll length	m	20	±0,1

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