

# IPP HDPE Studded Protection Plus Membrane System

**STRUCTURE: IPP HDPE Studded Protection Plus Membrane System** is a high density polyethylene (HDPE) studded membrane bonded to a PP fabric. It is ideal for protecting the waterproofing membrane in basements and underground walls. It creates an air gap between soil and wall and hinders moisture penetration

## STUDED MEMBRANE PROPERTIES

Raw material					HDPE
Color					BLACK & WHITE
Weight	EN 1849-2	oz/ft <sup>2</sup>	189.84	lb/ft <sup>2</sup>	8.296
Foil thickness				in	0.02

## FABRIC PROPERTIES

Weight	EN 1849-2	oz/ft <sup>2</sup>	37.968577	lb/ft <sup>2</sup>	1.659015
Thickness					0.03346

## PHYSICAL/ MECHANICAL CHARACTERISTICS

Thickness				in	0.29528
Compression resistance				psf	4177.08
Tensile strength MD	EN 10319			lb/ft	616.829
Elongation at max load MD	EN 10319			%	40
Tensile strength CMD	EN 10319			lb/ft	616.829
Elongation at max load CMD	EN 10319			%	40
Watertightness (60kPa, 24h)	EN 1928				
Drain flow capacity (100kPa, RR, i=0,1)	EN 12958			gal/l/min	4.3
Drain flow capacity (100kPa, RR, i=1)	EN 12958			gal/l/min	13.5
Working temperature				°F	-22/+176
Reaction to fire	EN 13501-1	Class	F		

## DIMENSIONAL CHARACTERISTICS

STANDARD DIMENSIONS					
Roll width	8		ft		
Roll length	50		ft		
Rolls/pallet	6				

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Rev.1