

PRODUCT DATA SHEET

DREXFOL 500

DIMPLED MEMBRANE


APPLICATIONS:

Dampproof protection of foundations, in construction of insulating systems, in drainage systems and as a moisture barrier and watertight protection of underground elements with ventilation function, in waterproofing of drainage ditches, protective layer in roofs with reversed insulation (type V and type T).


COMPOSITION:

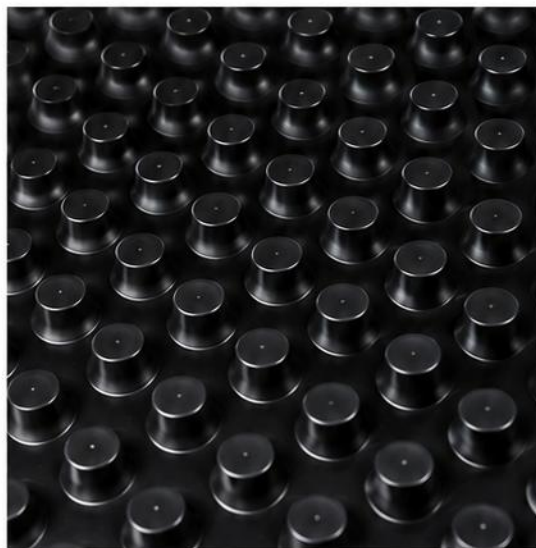
HDPE (high density polyethylene)


FUNCTIONS:

Dampproof barrier, waterproofing, separation, ventilation, drainage of water vapour, protection of thermal insulation.


HARMONISED TECHNICAL SPECIFICATION:

EN 13967:2012



ESSENTIAL CHARACTERISTICS	PERFORMANCE	TEST METHOD
Water tightness	Watertight at 60 kPa	EN 1928:2002 (60 kPa)
Water tightness after artificial ageing	Watertight at 60 kPa	EN 1928:2002 after EN 1296 (70°C / 12 weeks)
Water tightness after exposure to alkali	Watertight at 60 kPa	EN 1928:2002 after EN 1847 (23°C / 28 days)
Tensile strength	MD 6,0 kN/m CMD 5,0 kN/m	PN-EN ISO 10319:1996
Elongation	MD ≥ 35 % CMD ≥ 30 %	EN 12311-2:2013
Maximum tensile force	MD > 235 N/50mm CMD > 230 N/50mm	EN 12311-2:2013
Elongation at break	MD ≥ 30 % CMD ≥ 25 %	PN-EN ISO 10319:1996
Pressure resistance	270 (-50) kN/m ² / 270 (-50) kPa	EN ISO 25619-2
Reaction to fire	Class F	EN 13501-1
Resistance to Static Puncture (CBR)	>820 N	GGM 1701
Height of dimples (product thickness)	8 mm	-
Unit weight	500 g/m ² (+/- 10%)	PN-EN 9864-1:2007
Thickness (in cross-section)	0,52 mm (+/- 10%)	PN-EN ISO 9863-1:2007
Microbiological resistance	Maintained resistance 100%	PN-EN 12225
Temperature resistance	- 40°C till + 80°C	-
Roll length	20 (± 0,4) m	PN-EN 1848-2
Roll width	0,5; 1,0; 1,5; 2,0; 2,5; 3,0; 4,0 m (± 2%)	PN-EN 1848-2

Note: MD – machine direction; CMD – cross-machine direction


ADDITIONAL INFORMATION:

Durability at least 50 years in natural soils of 4<pH<9 and temperature ≤ 25°C.
Product covered by certificate of conformity of FPC nr 1488-CPR-0273/Z.
Nr of Declaration of Performance: DWU- GXP PLUS 0,5 -07

This material is resistant to typical chemicals, rust, fungi and bacteria.
Does not contain any hazardous substances.


SYSTEM 2+

FPC CERTIFIED

Ver. I/2024

