

PRODUCT DATA SHEET

DREXFOL 600

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 and rootproof layer in roofs.


COMPOSITION:

HDPE (high density polyethylene) in thickness 0,62 mm


FUNCTIONS:

Dampproof barrier, waterproofing, separation, ventilation, 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 ≥ 8 kN/m CMD ≥ 7 kN/m	EN ISO 10319:1996
Elongation at break	MD ≥ 30 % / CMD ≥ 25 %	EN ISO 10319:1996
Elongation	MD ≥ 35 % / CMD ≥ 30 %	EN 12311-2:2013
Maximum tensile force	MD 320 N/50mm CMD 300 N/50mm	EN 12311-2:2013
Volume of air between dimples	5,3 l/m ²	-
Water drainage capacity	> 4,6 l/m/s	-
Nr of dimples / studs	ca. 1860 pcs/m ²	-
Compression strength	300 (-50) kN/m ² 300 (-50) kPa	EN ISO 25619-2
Reaction to fire	Class F	EN 13501-1
Resistance to Static Puncture (CBR)	> 950 N	GGM 1701
Tear resistance	> 235 N	EN 12310-1
Height of dimples (product thickness)	8 mm	-
Unit weight	600 g/m ² (+/- 10%)	EN 9864-1:2007
Thickness (in cross-section)	0,62 mm (+/- 10%)	EN ISO 9863-1:2007
Microbiological resistance	Maintained resistance 100%	EN 12225
Temperature resistance	- 40°C till + 80°C	-
Roll length	20 m (± 2%)	EN 1848-2
Roll width	2,0 / 4,0 m (± 2%)	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 0,6 -05

This material is resistant to typical chemicals, rust, fungi and bacteria.

Does not contain any hazardous substances.


SYSTEM 2+

FPC CERTIFIED

Ver. II/2024

