



POLYFOND KIT and POLYFOND KIT DRAIN

POLYFOND KIT is a protective system made of high density extruded polyethylene (HDPE).

It is suitable for the protection of foundations' waterproofing.

In POLYFOND KIT DRAIN the polypropylene geotextile guarantees excellent drainage of water coming from the soil or in horizontal layers.



Guaranteed Quality
UNI EN ISO 9001:2008 and
UNI EN ISO 14001:2004



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WATERPROOFING MATERIALS AND INSULATING SYSTEMS

POLYGLASS®

MAPEI
GROUP

Adds value!

TECHNICAL DESCRIPTION

POLYFOND KIT is a protective and draining system made of high density extruded polyethylene (HDPE).

It is suitable for the protection of foundations' waterproofing.

Thanks to the new HDPE compound and the star-shaped stud, POLYFOND KIT has excellent mechanical performances, while guaranteeing perfect ventilation and water drainage.

POLYFOND KIT provides an excellent protection to the waterproofing membrane during the backfilling in foundations.

In POLYFOND KIT DRAIN the polypropylene geotextile guarantees excellent drainage of water coming from the soil or horizontal layers.

WHERE TO APPLY IT

Thank to their double protective and drainage function POLYFOND KIT and POLYFOND KIT DRAIN find their ideal application in the waterproofing of foundations, underground structures, and in the drainage of roof gardens.

HOW TO APPLY IT

POLYFOND KIT and POLYFOND KIT DRAIN are supplied complete of accessories (HDPE plugs and profiles with steel nails) for the perfect mechanical fastening of the system. When applying the product, pay attention to overlap the side edges.

The studs and the geotextile structure will always be in direct contact with the soil in both applications, i.e. with protective function (POLYFOND KIT) or protection and drainage function (POLYFOND KIT DRAIN).

SPECIFICATIONS

High density extruded polyethylene membrane, POLYFOND KIT (7 mm star-shaped studs) or POLYFOND KIT DRAIN (8 mm cone-shaped studs), with mechanical side sealing through the edges. Fasten POLYFOND KIT by means of finishing profile in high density extruded polyethylene (HDPE), length 200 cm and height 7 cm; fastening holes in the upper part every 24,5 cm with plugs and galvanized steel 25 mm nails.

TECHNICAL CHARACTERISTICS

MATERIAL	High density polyethylene (HDPE) membrane; with polypropylene geotextile for POLYFOND KIT DRAIN
DRAINAGE MATERIAL	White polypropylene geotextile of 110 g/m ²
COLOUR	Black
CERTIFIED COMPRESSION RESISTANCE	320 kN/m ² (32 ton/m ²)
ROLLS SIZE (m)	1,0 x 20 - 1,5 x 20 - 2,0 x 20 - 2,5 x 20 - 3,0 x 20 POLYFOND KIT DRAIN 2,0 x 20
HEIGHT OF THE STUDS	7 mm for POLYFOND KIT and 8 mm for POLYFOND KIT DRAIN
NUMBER OF STUD FOR m ²	About 1860
AIR VOLUME BETWEEN STUDS	About 5 l/m ²
DIMENSION TOLERANCE	+/- 4%
DRAINAGE CAPABILITY	4,6 l/s/m ²
THERMAL STABILITY	From -40 °C / +80 °C
CHEMICAL AND PHYSICAL PROPERTIES	Resistant to chemical agents, roots, not polluting water, resistant to fungal and bacterial contamination; non degradable
COMBUSTION CLASS	F

PACKAGING DIMENSIONS AND STOCK INFORMATION

	HEIGHT				
	m 1	m 1,5	m 2	m 2,5	m 3
POLYFOND KIT m ² /PALLET	480	360	480	600	960
ROLLS FOR PALLET	24	12	12	12	16
POLYFOND KIT DRAIN m ² /PALLET			240		
ROLLS FOR PALLET			6		

SAFETY NORMS

See safety data



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