



POLYFOND KIT

POLYFOND KIT is a protective system made from high-density extruded polyethylene (HDPE). It is particularly effective in protecting the waterproofing of below grade structures or earth retaining structures in general.



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



*Polyglass is a member of
the Green Building Council*



*Product meets
European standards*



Adds value!

TECHNICAL DESCRIPTION

POLYFOND KIT is a protective and drainage system made from high-density extruded polyethylene (HDPE). It is particularly effective in protecting the waterproofing of below grade structures or of earth retaining structures in general. The new HDPE blend, the new structure and the new star-shaped stud geometry give POLYFOND KIT extremely high mechanical performance, ensuring perfect ventilation and excellent water drainage. In addition, POLYFOND KIT is designed to provide the waterproofing membrane with suitable protection during foundation backfilling work.

WHERE TO APPLY

POLYFOND KIT is ideal for application where the waterproofing of retaining walls, underground structures and foundations requires both protection and drainage.

APPLICATION PROCEDURES AND TIPS

POLYFOND KIT comes complete with accessories (HDPE plugs and profiles with steel nails) for perfect mechanical fixing of the systems. Care must be taken to overlap side edges properly when laying the product. POLYFOND KIT should always be applied with the raised part (studded side) facing the ground.

SPECIFICATION CLAUSE

High-density extruded polyethylene (HDPE) membrane, POLYFOND KIT, (with 7mm star-shaped embossing) is mechanically sealed at the sides by overlapping edges. Fixing using corner profile in high-density extruded polyethylene (HDPE) finish, 200 cm long and 7 cm high with fixing holes at the top at 24.5 cm intervals and fixing plugs, complete with 25 mm galvanized steel nails, to be driven in with a percussion tool.

PRODUCT CHARACTERISTICS

MATERIAL	Special high-density polyethylene (HDPE)
COLOUR	Black
CERTIFIED MECHANICAL STRENGTH	320 kN/m ² (32 t/m ²)
ROLL SIZE (m)	1.0 x 20 - 1.5 x 20 - 2.0 x 20 - 2.5 x 20 - 3.0 x 20
STUD HEIGHT	7 mm
NUMBER OF STUDS PER M ²	Approx. 1860
AIR VOLUME BETWEEN STUDS	Approx. 5 l/m ²
DIMENSIONAL TOLERANCE	±4%
DRAINAGE CAPACITY	4.6 l/s/m ²
HEAT STABILITY	From -40 °C to +80 °C
CHEMICAL AND PHYSICAL PROPERTIES	Resistant to chemicals, resistant to root penetration, does not pollute groundwater, resistant to contamination by fungi or bacteria, non degradable
FIRE RATING	B2 according to standard DIN 4102

PACKAGING DIMENSIONS AND NOTES FOR STORAGE

HEIGHT	m 1	m 1,5	m 2	m 2,5	m 3
M ² PER PALLET	480	360	480	600	960
ROLLS PER PALLET	24	12	12	12	16

SAFETY REGULATIONS

Polyfond Kit is an item that does not require a safety data sheet to be compiled according to current European regulations (Reg. 1906/2007/EC - REACH)

Rev. 1-16

PRODUCT FOR PROFESSIONAL USE

Instructions and technical details given herein are correct to the best of our knowledge and experience. Anyone planning to use Polyfond Kit must ensure that it is suitable for the intended purpose. In all cases, the installer is solely responsible for the product's installation and for all consequences arising therefrom. Always refer to the latest up-to-date version of the technical data sheet, which you can find on our site: www.polyglass.com. If you have any queries, please contact our Technical Department.

In line with our policy of continuous product development, we reserve the right to make any required changes without prior notice.



Adds value!

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