Mapeplan®
PE micro-perforated

Separation and desolidarisation layer and for generic uses.

DESCRIPTION
Mapeplan® PE micro-perforated is a separation and desolidarisation layer and for generic uses, made of low density LDPE polyethylene, of transparent colour, having a nominal thickness of 0,10 mm and having a micro-perforation which makes it permeable to vapour. It doesn't contain glues or resins.

APPLICATION FIELDS
LDPE sheet for generic use.
Separation and desolidarisation layer, to be placed before the casting of concrete slabs placed over the thermal insulation.
The micro-perforation allows the creation of checking test systems with "Tracer gas."

TECHNICAL CHARACTERISTICS
Mapeplan® PE micro-perforated has excellent mechanical and workability characteristics.
- High permeability to vapour
- High permeability to light gas for the checking tests with "Traces gas"
- Excellent workability and flexibility
- Excellent mechanical resistance
- Excellent ageing resistance

PACKAGING

Dimensions of sheet	3,00 x 100,00 m
Nominal thickness	0,10 mm
Roll length	100 m
Roll width	1,50 m (sheet folded in half)
Roll weight	30 kg (indicative)



STORAGE

Store horizontally, shelter from sun and bad weather in a dry place.

SAFETY INSTRUCTIONS

Mapeplan® PE micro-perforated is not considered dangerous according to the current safety regulation for the classification of goods and substances. The safety datasheet is therefore not compulsory for the purchase, transport and application.

TECHNICAL DATA

PRODUCT PROPERTIES	
Product	Separation and desolidarisation layer in low density LDPE. It does not contain resins or glues.
Colour	Transparent
CHARACTERISTICS	
Mass per unit area EN 1849-2 (kg/m²)	0,10 (±10%)
Average thickness EN 1849-2 (mm)	0,10 (±15%)
Vapour diffusion resistance EN 1931 (μ)	≤10000
Vapour diffusion resistance Sd value (m)	(μ x d) 10000 x 0,0001 = 1
Elongation ISO 527-3 (%)	≥250%
Tensile strength at break ISO 527-3 (MPa)	≥17

We reserve the right to modify without prior notice the characteristics of our products, to continuously improve them.

WARNING

Although the technical details and recommendations contained in this product report correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical applications: for this reason, anyone who intends to use the product must ensure before handing that is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequence deriving from the use of the product.

N.B. FOR PROFESSIONAL USE ONLY.

MAPEI®

www.mapei.com

07/21

MAPEPLAN® range is produced by:

POLYGLASS® Q
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