



NOMATEC®

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DATA SHEET

NOMATEC® CONCRETE MAT

NOMATEC® Concrete Mat consists of an extruded polyethylene foam tested for long-term durability under intended use conditions. It is used to cover new concrete, as insulation against ground frost and moisture, for thermal insulation, for insulating water pipes, and to help reduce heat loss.

NOMATEC® Concrete Mat has low water absorption and can be used directly on freshly poured concrete. It does not adhere to the concrete and can be easily removed after curing.

PRODUCT FEATURES:

- › Extruded non-crosslinked polyethylene foam (LDPE)
- › Water absorption < 0.5 vol.-% after 7 days
- › Thermal conductivity: 0.045 W/mK
- › Temperature range: -40 °C to +80 °C
- › Tested for long-term durability under intended use conditions
- › High resistance to solvents, oil and other chemicals
- › Provides thermal insulation performance
- › PE foam can be mechanically recycled where suitable collection and recycling systems are available*

PRODUCT ADVANTAGES:

- › Can be used directly on freshly poured concrete
- › Does not adhere to concrete and can be removed after curing
- › Helps reduce heat loss from freshly poured concrete
- › Contributes to maintaining concrete temperature during winter construction
- › High elasticity and flexibility
- › Suitable for repeated use under intended use conditions

*Recycling possibilities depend on local collection, sorting and recycling infrastructure.





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PRODUCT RANGE

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Type	Width mm	Thickness mm	Length m	m ² /roll	Rolls/bag	m ³ /bag
1600x9 mm / 50 m	1600	9	50	80	1	0,7
2000x9 mm / 50 m	2000	9	50	100	1	0,9

TECHNICAL DATA

Properties	Norm	Unit	Value
Thickness	SP 1116	mm	9
Density	ISO 845	kg/m ³	25
Water absorption 7 days	ISO 2896	Vol-%	<0,5
Thermal conductivity	ISO 2581	W/mK	0,045
Aging resistance	SP 0414 / ISO 1798	Year	50



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