



NOMATEC®

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DATA SHEET

NOMATEC® CONCRETE MAT



NOMATEC® Concrete Mat consists of an extruded age-resistant polyethylene foam with good insulation properties. It is used to cover new concrete, as insulation against ground frost, moisture and thermal insulation, as insulation of water pipes and to avoid any kind of heat losses.

NOMATEC® Concrete Mat has a low water absorption and can be used directly on freshly poured concrete. It also does not stick 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 till +80 °C
- › Age resistance >50 Years
- › High resistance to solvents, oil and other chemicals
- › Good thermal insulation properties
- › 100% recyclable

PRODUCT ADVANTAGES:

- › Can be used directly on freshly poured concrete
- › Does not stick to the concrete and can easily be removed after curing
- › Prevents too quick heat losses from warm concrete
- › Saves energy during winter construction
- › High elasticity and flexibility
- › Can be used several times





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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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