

# MAGNUM Outdoor Cable Asphalt

## Especially for installation in asphalt

Especially for large areas, such as loading docks or driveways for car parks, where safety must be ensured. MAGNUM Outdoor Cable can be fixed directly to the reinforcement before the sand bed, concrete or asphalt is poured.

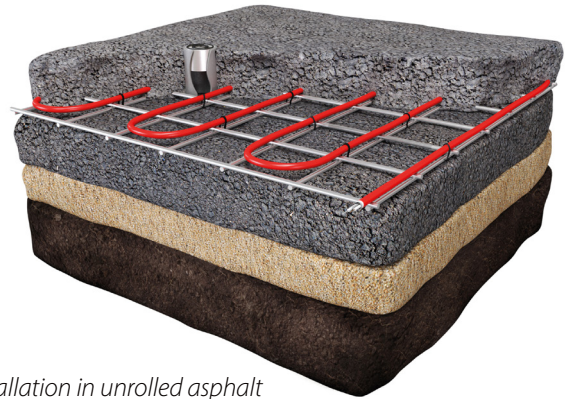
MAGNUM Outdoor is a highly advanced system of heating cables, 2 sensor units that measure humidity in combination with the outdoor temperature and a custom-made control cabinet.

The power supply cable is uniquely connected to the resistance wire. The aluminium reinforcement jacket protects the resistance wires against mechanical damage and shields the cable against EMC (electromagnetic radiation). This has the advantage that the cable does not interfere with mobile phones, electrically operated garage doors and gates, security installations etc.

The cable is equipped with PTFE (Teflon) inner sheaths and a PVC outer sheath that is resistant to the action of chemicals.

### Complete systems

MAGNUM Outdoor installations are specially drawn and designed per order. A complete watertight control cabinet (IP-65) is manufactured and fitted out in proportion to the number of cables/mats and power. For larger projects, the control cabinet can be expanded to include modulating power regulators up to 50kW that prevent peak loads and also save energy. The system can be implemented in both 230V and 400V.



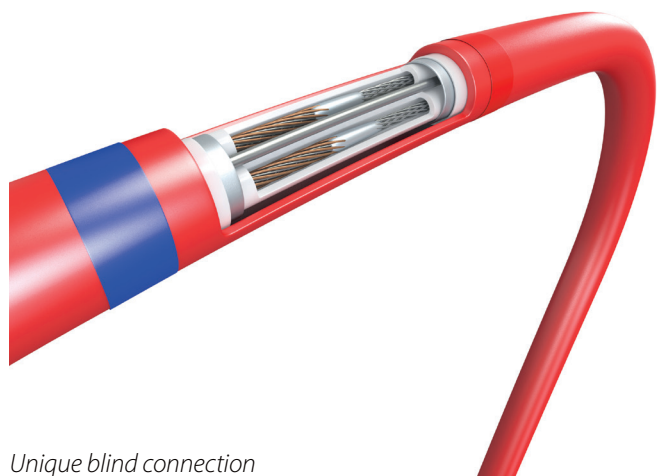
*Installation in unrolled asphalt*



### Specifications

Sand bed + bricks	V
Concrete	V
Cold asphalt	V unrolled processing!
Asphalt < 240°C	V unrolled processing!
Inner jacket	PFTE (Teflon)
Outer jacket	PVC
Length of connecting wire	10 m
Power	30 Watt/m <sup>1</sup>
Connection voltage	230 V/50Hz
Certification	IEC 800, CE, ISO 9001, IPX7
Warranty	10 year





*Unique blind connection*

## Technical details

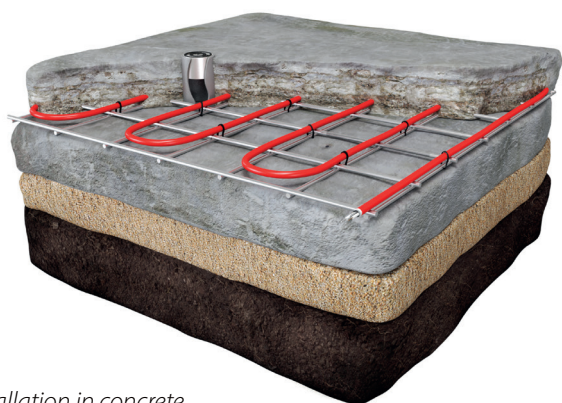
- Power 30 Watt/m<sup>1</sup>
- Cables available from 600 to 3400 Watt
- Connection voltage 230 V/50Hz
- Standards IEC 800 and CE
- Certification ISO 9001
- Class IPX7
- Core insulation PTFE (Teflon)
- Suitable for unrolled mastic asphalt up to 240°C

### Installation methods (complete systems)

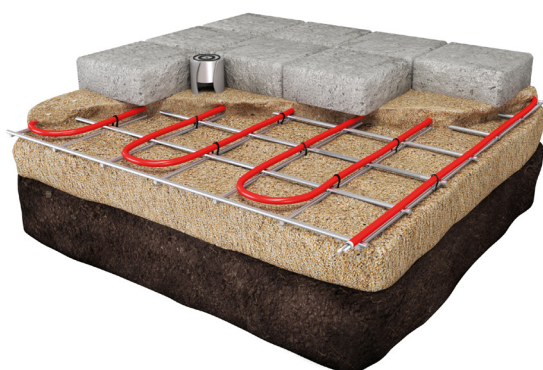
MAGNUM Outdoor systems are calculated and designed per order.

### Warranty

MAGNUM Outdoor Cable has a 10 year warranty on the electrical function of the cable.



*Installation in concrete*



*Installation in sand bed under paving stones*

Art.nr.	Description	Length	Length connecting wire	Power	Volt	Amps	Ohm
125006	MAGNUM Outdoor Cable Asphalt 30W/m <sup>1</sup>	20 m	10 m	600 Watt	230V	2,6	88,2
125012	MAGNUM Outdoor Cable Asphalt 30W/m <sup>1</sup>	40 m	10 m	1200 Watt	230V	5,2	44,1
125019	MAGNUM Outdoor Cable Asphalt 30W/m <sup>1</sup>	63,3 m	10 m	1900 Watt	230V	8,3	27,8
125034	MAGNUM Outdoor Cable Asphalt 30W/m <sup>1</sup>	113,3 m	10 m	3400 Watt	230V	14,8	15,6