

Specification guideline snow and ice melting system for ramps & access ways (asphalt)

PRODUCT DESCRIPTION



- All exposed, hot poured asphalt ramps/walkways shall be fitted with rugged, pre-terminated, constant power Raychem MI cables, Raychem EM-MI, as manufactured by Chemelex, designed specifically to prevent impeded access in winter and suitable for high temperature installations.
- The MI heating cable shall be pre-terminated, at each end, with 3 m cold leads.
- The system shall be capable of producing a power output up to 300 W/m².
- The heating cable shall be installed, tested & commissioned strictly according to the manufacturer's instructions, directly onto a stable sub-surface, using the Raychem spacer rail or attached to a reinforcement bar/grid.
- The ramp heating control system shall be energy efficient, with ground temperature and moisture sensors, as manufactured by Chemelex and known as Raychem Elexant 650c-Modbus. It shall have the following functions - digital display, monitoring of sensor defects, alarm relay for remote monitoring at the BMS.

- The ramp heating circuits shall be switched via a contactor and be protected with an MCB (BS EN 60898 type C or D or equivalent) and RCD (30 mA sensitivity, tripping within 100 ms). Isolators shall be provided for each circuit.
- Wiring between the control panel, the control sensors, the contactor, the ramp heating circuit's terminal boxes and the distribution board shall be done by an electrical contractor.
- The EM-MI heating cable is suitable for the mechanical processing of mastic asphalt and road asphalt.

IN ENGINEERING NOTES COLUMN

All exposed, hot poured asphalt ramps and walkways shall be fitted with a pre-terminated, rugged, constant power MI cable, Raychem EM-MI, to prevent impeded access in winter.

All ramp heating circuits shall be controlled via an energy efficient system with ground temperature and moisture sensors, known as Raychem Elexant 650c-Modbus.

The heating cable shall be installed, tested & commissioned strictly according to the manufacturer's instructions, directly onto a stable subsurface, using the Raychem spacer rail or attached to a reinforcement bar/grid, covered by sand & tiles, or concrete.

UK/Ireland

Tel 0800 969 013

SalesUK@chemelex.com



Raychem Tracer Pyrotenax Nuheat