

Snow Melting for Ramps, Access Ways, and Footpaths

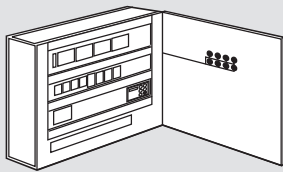
Ice and snow on paths, loading bays, driveways, ramps, stairs and other access ways, can present a major problem causing accidents and delays. nVent RAYCHEM surface heating solutions prevent snow and ice formation.

APPLICATION IN CONCRETE

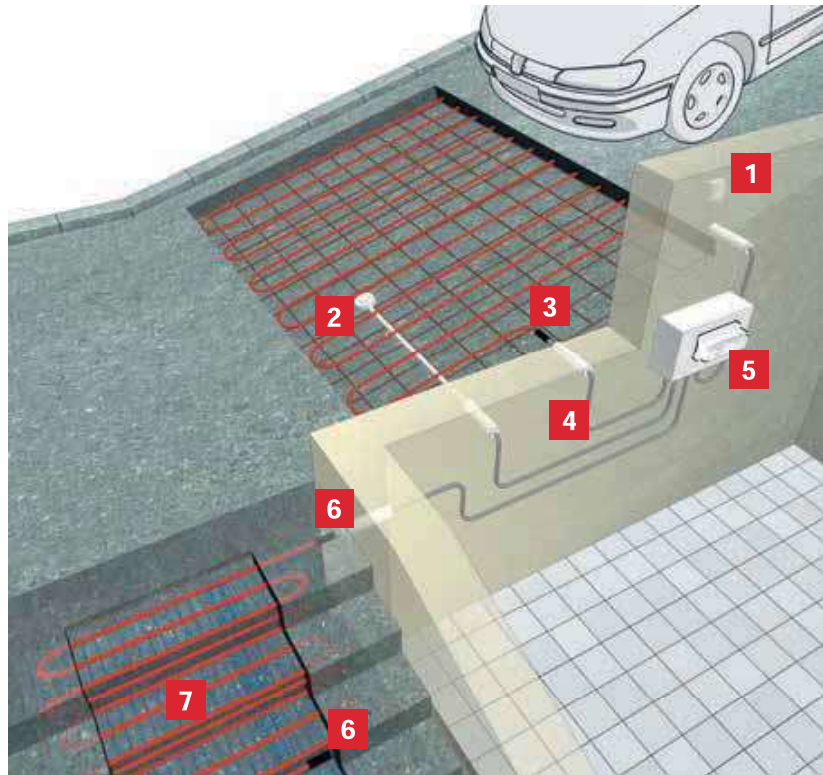
Whether in concrete, sand, or asphalt, a nVent RAYCHEM system provides a fast, reliable, and easy install solution.

Each nVent RAYCHEM heating solution has a smart control and monitoring unit, providing useful user data and excellent energy efficient performance. The multi-sensor control and monitoring device (VIA-DU-20) is compatible with all ramp snow melting solutions.

Snow melting of ramps, steps, footpaths and accessways



Optional: SBS-xx-VV-20/SBS-xx-CW-40/SBS-xx-CM-20
Contains: Control panel with RCD (30 mA), Circuit Breaker (C type), mains contactor for VIA-DU 20 control unit.

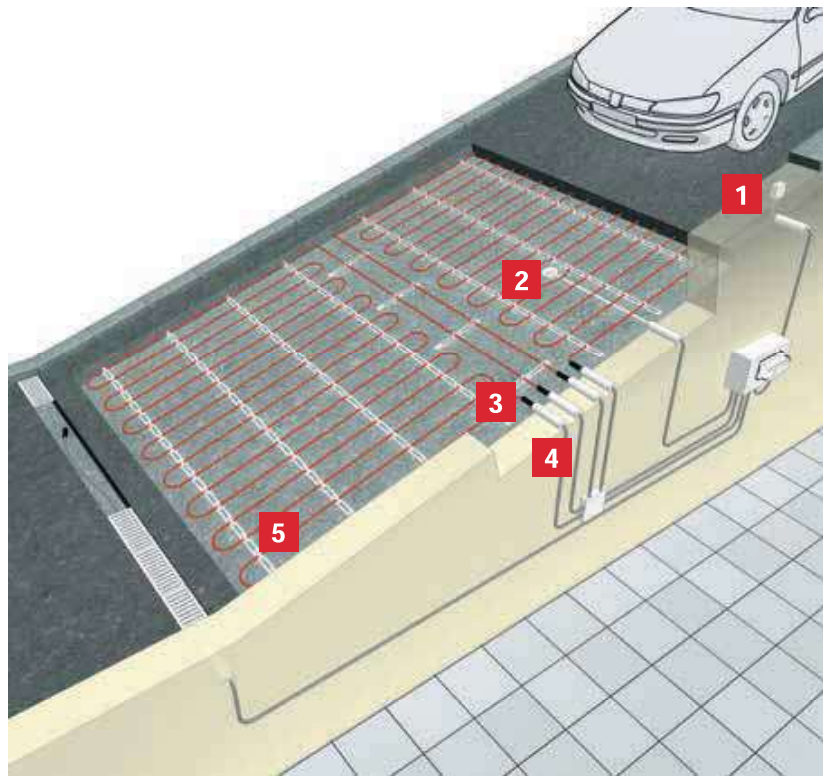
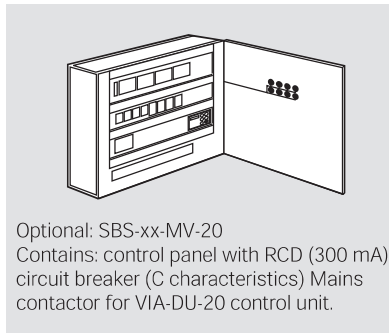


- | | |
|--|--|
| 1 Ambient temperature sensor*
VIA-DU-A10 (incl.) | 5 Control unit
(VIA-DU-20)  |
| 2 Temperature and moisture sensor
VIA-DU-S20 | 6 Connection and end seal kit
(VIA-CE1) |
| 3 Connection and end seal kit
(VIA-CE1) | 7 Self-regulating heating cable
(EM2-XR)
or constant power heating cable
(EM4-CW) |
| 4 Connection cable
(VIA-L1) | |

* Optional, only needed when "local detection" is selected.

NVENT RAYCHEM SOLUTIONS FOR CONCRETE

	Product	Description
Reinforced concrete surfaces	EM2-XR	Self-Regulating heating cable for reinforced concrete ramps
Domestic and light commercial ground heating applications.	EM2-CM	Pre-terminated constant wattage heating mat for ramp, pavement and track heating
Stairs; wheelchair access ramps	EM4-CW	400V Pre-terminated constant wattage heating cable solution for larger concrete areas and stairs



- | | |
|--|--|
| 1 Ambient temperature sensor*
VIA-DU-A10 (incl.) | 4 Pre-engineered cold lead |
| 2 Temperature and moisture sensor
VIA-DU-S20 | 5 Mineral-Insulated heating cable
(EM2-MI) |
| 3 Connection between heater cable
and cold lead (Pre-engineered) | 6 Control unit
(VIA-DU-20)  |

* Optional, only needed when "local detection" is selected.

FOR MORE INFORMATION

Order the Surface Snow Melting Handbook (Pcn 1244-010069) or go to nVent.com