# Concrete Curing

Heating cable directly into the concrete. Curing and drying of concrete and temporary heating. Accelerate cure and enables shape tearing after 3 days even in extreme cold.

## STANDARDS

**Product** IEC 60800; Nexans specification

The heating cables embedded in concrete and are used primarily to accelerate the curing of concrete, they can then be reconnected to temporarily heat the building.

The system consists of a heating cable with integrated cold lead of 2.1 m and an affixed CEE 16A/230V or schuko 16A/230V. The outer diameter of the cable is 7 mm.

Recommended effects when curing concrete:
Outside temperature 0 to -5 ° C, 95W ²
Outside temperature -5 to -10 ° C, 110W m
Outside temperature -10 to -15 ° C, 130W m

Other conditions: Betongemp when molding +20 ° C.
The heat is turned on immediately after casting. Cure time 72 h.

Bending factor when laying
**8 (xD)**

Flame retardant
**IEC 60332-1**

## CHARACTERISTICS

| | |
|---|---|
| **Construction characteristics** | |
| Drain wire | Copper |
| Insulation | XLPE |
| Outer sheath | PVC |
| Screen | Longitudinal aluminium tape + copper wire |
| Sheath colour | Black |
| Type of conductor | Round solid |
| **Dimensional characteristics** | |
| Nominal outer diameter | 7.0 mm |
| **Electrical characteristics** | |
| Operating voltage | 230 V |
| **Usage characteristics** | |
| Bending factor when laying | 8 (xD) |
| Flame retardant | IEC 60332-1 |
| Max. temperature energized, outer sheath | 65 °C |

## PRODUCT LIST

| Nexans Ref. | Country Ref. | Name | Power [W] | Output [W/m] | Element length [m] |
|---|---|---|---|---|---|
| 13546109 | 8957603 | Betongh Schuko 1400W | 1400 | 34 | 42 |
| 13546309 | 8957602 | Betongh CEEdon 1400W | 1400 | 34 | 42 |
| 13548509 | 8957608 | Betongh Schuko 3300W | 3300 | 40 | 85 |
| 13548510 | 8957607 | Betongh CEEdon 3300W | 3300 | 40 | 85 |

= Make to order, = In stock,