

SPECIFICATIONS FOR ELECTRIC IN-SLAB HEATING CABLE



Technical Data	
Element construction	Twin conductor
Primary insulation	Fluoropolymer
Secondary insulation	XLPE
Earth screen	Braided CuSn screen
Secondary screen	AluPet foil screen
Outer jacket	PVC jacket
Rated Voltage	240VAC
Watts per meter	30 W
Diameter	6.5mm
Cold tail, single	3.0m
Warranty	15 years
Approvals	UL, CE, ISO 9001

Product Code	Product Description	Area @ 200mm cable spacing	Amps
SLK300	300W x 10m cable	2.0 m ²	1.3
SLK600	600W x 20m cable	4.0 m ²	2.5
SLK900	900W x 30m cable	6.0 m ²	3.8
SLK1200	900W x 40m cable	8.0 m ²	5.0
SLK1500	1500W x 50m cable	10.0 m ²	6.3
SLK1875	1875W x 62.5m cable	12.5 m ²	7.8
SLK2250	2250W x 75m cable	15.0 m ²	9.4
SLK2625	2625W x 87.5m cable	17.5 m ²	10.9
SLK3000	3000W x 100m cable	20.0 m ²	12.5
SLK3375	3375W x 112.5m cable	22.5 m ²	14.1
SLK3750	3750W x 125m cable	25.0 m ²	15.6
SLK4125	4125W x 137.5m cable	27.5 m ²	17.5
SLK4500	4500W x 150m cable	30.0 m ²	18.8

The Coldbuster In-Slab heater is a bi-directional, single ended 6.5mm cable, rated at 30W/m and supplied as a cable on a roll. The dual elements are Teflon coated with a layer of PVC around it for extra protection. This has a braided earth screen around it which almost completely limits electromagnetic radiation. Heaters have a 3m long cold tail that can be connected to a programmable or manual thermostat. Coldbuster's In-Slab Heaters come in a range of 13 standard lengths to cater for areas of all shapes & sizes. These 13 heaters can be combined to suit areas of any size. All heating cables sizes are readily available.



Suitability

Coldbuster In-Slab heaters are highly recommended for all polished concrete projects; however, they are also suitable for majority of floor finishes, including stone, porcelain and ceramic tiles.

Safety

The heating cable is waterproof and fully earthed. Once the heater is laid, it is out of sight,

meaning no heating cables will be accessible by children or pets - ensuring a perfectly safe environment for the whole family.

Programmable or Manual Thermostat Control

Complete comfort control is easily achieved with the addition of optional programmable or manual thermostats available from Coldbuster. Automated operation enhances the energy efficiency of the Coldbuster heating system. Programs can be set to regulate comfort levels via floor or room air temperature, up to 4-6 cycles per day, accommodating different weekday and weekend routines.

Simple Installation

The Coldbuster In-Slab heaters are specifically designed to be easily attached to the reinforcement grid of your foundation. Concrete is then poured on top, followed by the floor finish of your choice.

Installer Options

Of course, Coldbuster can provide installation of the heaters if requested.

However, all Coldbuster heating kits are in fact DIY kits, to enable you to choose to undertake installation yourselves or have your electrician or builder on site do so (some states require an electrician to install). Instructions for installation are included in the kit and we also have videos on our site if necessary. Of course, we are also but a phone call or email away should any further assistance be required.

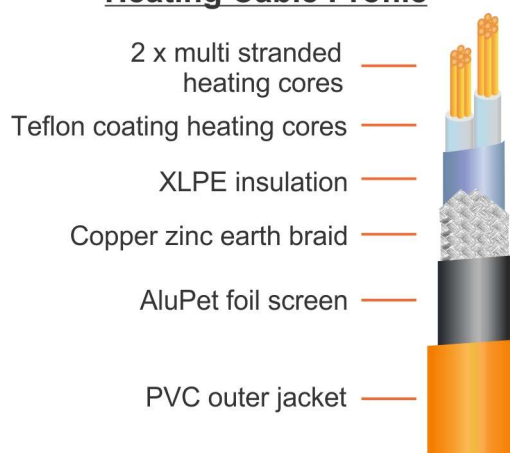
Electrical Requirements

The heater must be connected to an RCD (safety switch) protected circuit by an electrician. All wiring must conform to AS/NZS 3000:2000 and local wiring regulations.

In-Slab heating cable features:

- Bi-directional, single ended 6.5mm cable, rated at 30W/m and supplied as a cable on a roll
- Factory terminated single 3m long cold tail
- Element and cold tail connections are fully earthed and waterproof
- Continuity and insulation monitor (element alarm/tester) with batteries
- Personalised floorplan layout available upon request
- Installation guidelines
- Technical and installation support (telephone and/or email)

Heating Cable Profile



- 15-year warranty

- A. Cables are tied to the reinforcement rods (reo) approximately every meter using cable ties.
- B. The cable spacing (cable tied to the reo) has been calculated at the standard reo spacing of 200mm apart. The output per square meter @ 200mm cable spacing is 150 watts/m².
- C. Cold tails (black colour) are 3.0m long, tagged with a label (showing heater length and width, product code, Watts, Amperage, Voltage and Ohms) and factory spliced to the heating section (red colour). The cable is factory capped at the other end.

Service and support

Coldbuster provide a free design service and planning advice for your heater layouts. We are also available via email, phone or even walk-in to answer your any questions relating to electrical preparation or installation of your floor heating system.

IMPORTER & DISTRIBUTOR

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