

## SPECIFICATIONS

# Xcable™ CK-17

## In-Screed Electric Heating Cable (c/w Single Cold Tail)



Devex Systems' Xcable™ CK-17 twin conducting electric floor heating cables features fluoro-polymer and PVC outer sheath. The cable may be used on a structural slab, a fibre cement sheet or F-Board insulation, as well as into a 20-25mm screed bed. This system is suited to a flat rate or "Time of Use" tariff, to quickly reach the desired temperature. The X cable is rated at 17 watts per meter and comes with a 3m single cold tail. The cold tail length can also be customised to fit your needs. The cables comply with IEC 60800:2009.

We recommend the use of F-Board Insulation with electric floor heating to improve warm up times and reduce running costs.

- 20 year warranty
- Output power based on 230 volts
- Maximum Operating Temperature: +70°C



## TECHNICAL FEATURES

### CONSTRUCTION

Cable core	Twin conductor; single strand
Insulation	Fluoro-polymer first layer around each core with both cores embedded in a cross-linked polyethylene second layer
Protection screen	Aluminium foil with copper drain wire
Outer Sheath	PVC
Outer cable diameter	5.0 - 5.4mm

### MECHANICAL PROPERTIES

Minimum Bending Radius	40mm
Pulling Strength	300N
Deformation Strength	1,500N

### APPLICATION

In-screed heating on concrete floors (20-25mm)	✓
In-screed heating on FC sheet (20-25mm)	✓
Freezers (frost heave protection)	✓
Frost protection	✓
Ice and snow melting	✓
Heating directly under tiles	✗
Heating in floors with thin levelling bed (≤15mm)	✗
Heating of wooden floors (≤15mm)	✗
In-slab (storage) heating in concrete floors	✗

### HEATING PROPERTIES

Max Permitted Operating Temp	+70°C
Min Installation Temperature	-5°C

### ELECTRICAL PROPERTIES

Rated Voltage	230V
Watts Per Meter	17W/m

## AVAILABLE SIZES

Code No	Output	Resistance	Description *
A1B001	125W	423 Ohm	8m
A1B002	188 W	281 Ohm	12m
A1B003	250 W	212 Ohm	16m
A1B004	313 W	169 Ohm	20m
A1B005	375 W	141 Ohm	24m
A1B007	516 W	103 Ohm	31m
A1B008	641 W	83 Ohm	39m
A1B009	766 W	69 Ohm	47m
A1B011	1,032 W	51 Ohm	62m
A1B013	1,299 W	41 Ohm	77m
A1B014	1,548 W	34 Ohm	93m
A1B015	1,815 W	29 Ohm	108m
A1B016	2,081 W	25 Ohm	123m
A1B018	2,597 W	20 Ohm	154m
A1B019	3,114 W	17 Ohm	185m
A1B020	3,647 W	15 Ohm	215m

\*All sizes include an In-Screed Electric Heating Cable with 3m Single Cold Tail.