

SPECIFICATIONS

Xcable™ **CK-17**

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



Devex Systems' Xcable™ CK-17 electric floor heating cable uses a twin conducting heating cable for ease of installation. This flexible cable made with fluoro-polymer and durable PVC outer sheath can be easily installed directly on a structural slab, fibre cement sheet, or F-Board insulation and into 20-25mm screed bed. This system best operates on a "time of use" tariff as it is quick to come to the desired temperature. The X cable is rated at 17 watts per meter and comes with a 3m single cold tail. The cables comply with IEC60800:2009.

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

ELECTRICAL PROPERTIES

Rated Voltage	230 V
Watts Per Meter	17 W/m

HEATING PROPERTIES

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

TECHNICAL FEATURES (Cont.)

APPLICATION

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

STOCK PROGRAM

Code No	Output	Description
A1B001	125W	8m Screed Heating Cable with 3m Single Cold Tail
A1B002	188 W	12m Screed Heating Cable with 3m Single Cold Tail
A1B003	250 W	16m Screed Heating Cable with 3m Single Cold Tail
A1B004	313 W	20m Screed Heating Cable with 3m Single Cold Tail
A1B005	375 W	24m Screed Heating Cable with 3m Single Cold Tail
A1B007	516 W	31m Screed Heating Cable with 3m Single Cold Tail
A1B008	641 W	39m Screed Heating Cable with 3m Single Cold Tail
A1B009	766 W	47m Screed Heating Cable with 3m Single Cold Tail
A1B011	1,032 W	62m Screed Heating Cable with 3m Single Cold Tail
A1B013	1,299 W	77m Screed Heating Cable with 3m Single Cold Tail
A1B014	1,548 W	93m Screed Heating Cable with 3m Single Cold Tail
A1B015	1,815 W	108m Screed Heating Cable with 3m Single Cold Tail
A1B016	2,081 W	123m Screed Heating Cable with 3m Single Cold Tail
A1B018	2,597 W	154m Screed Heating Cable with 3m Single Cold Tail
A1B019	3,114 W	185m Screed Heating Cable with 3m Single Cold Tail
A1B020	3,647 W	215m Screed Heating Cable with 3m Single Cold Tail