

SPECIFICATIONS

Xcable™ **CT-30**

In Slab Electric Heating Cable (c/w Single Cold Tail)



Devex Systems' Xcable™ CT-30 electric floor heating cable can be installed into concrete slab under a wide range of floor coverings. The CT-30 has a very low EMF and its single cold tail makes it easy to install. The CT-30 is most suited to be connected to an "Off-Peak" or "Time of Use" tariff as an in-slab storage heating system. This cable's steel armor and multiple layers of conductor insulation make it extremely durable and also able to be used for snow melting. The cable is rated to 30 watts per meter and it comes with a single 3m cold tail.

We recommend the use of Extruded Polystyrene (XPS) Insulation with electric in-slab 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; multi stranded
Insulation	Two layers of PET foils and a layer of Fluoro-polymer around each core with both embedded in a cross-linked polyethylene second layer
Protection screen	Armoured steel braid
Outer Sheath	PVC
Outer cable diameter	5.8 - 6.7mm

MECHANICAL PROPERTIES

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

ELECTRICAL PROPERTIES

Rated Voltage	230 V
Watts Per Meter	30 W/m

HEATING PROPERTIES

Max Permitted Operating Temp	+70°C
Min Installation Temperature	-15°C

TECHNICAL FEATURES (Cont.)

APPLICATION

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

STOCK PROGRAM

Code No	Output	Description
A1C001	30300 W	10m Slab Heating Cable with 3m Single Cold Tail
A1C002	450 W	15m Slab Heating Cable with 3m Single Cold Tail
A1C003	600 W	20m Slab Heating Cable with 3m Single Cold Tail
A1C004	810 W	27m Slab Heating Cable with 3m Single Cold Tail
A1C005	1,050 W	35m Slab Heating Cable with 3m Single Cold Tail
A1C006	1,500 W	50m Slab Heating Cable with 3m Single Cold Tail
A1C008	2,100 W	70m Slab Heating Cable with 3m Single Cold Tail
A1C010	2,700 W	90m Slab Heating Cable with 3m Single Cold Tail
A1C012	3,600 W	120m Slab Heating Cable with 3m Single Cold Tail
A1C013	4,500 W	150m Slab Heating Cable with 3m Single Cold Tail