

## In-Slab Floor Heating – Data Sheet

## GENERAL PRODUCT INFORMATION

Warmzone In-Slab floor heating systems provide an extremely effective and efficient method for heating floors. The heat cable offers durability, high heat output, and an affordable price. They are installed in the concrete slab below the flooring materials and are most often used in new construction where overall material cost is a primary concern.

### Features Include:

- Single point connection
- Twin conductor cable
- Safety approved for wet locations
- Flexible installation
- High output means less cable is required
- Durable construction
- Emits zero electromagnetic fields (EMF)
- UL listed in the U.S. and Canada
- Fast response time
- Genuine 10-year non-prorated warranty



### In-Slab Floor Warming System

During installation the heat cable is tied directly to the re-mesh and embedded at least ½-inch below the surface. The thermal heating cable then heats and uses the concrete slab to store and distribute heat evenly throughout its intended area. In-Slab heating cable is affordable and can be installed under any type of flooring, including hardwood, carpet, laminates, and tile so you can enjoy radiant heated floors under any floor in your home.

Because Warmzone In-Slab heat cable (also known as SlabHeat), has a protective metallic shield and is waterproof, so it is safe for use in both wet and dry applications. Designed to produce 10-15 watts per square foot, In-Slab heat cable is the premier floor heating solution for in-slab applications in both residential and large commercial projects. The radiant floor heating system efficiently provides comfortable heat for virtually every floor heating application.

### Heating Cable Specifications

Cable Construction	Twin conductor
Rated Voltage	240 V Max
Output	6W/ft (20W/m)
Cable Length	59 feet (18 m) to 680 feet (204 m)
Cold lead	20 feet (6 m)
Bending Radius	1½-inch (38 mm)
Cable Diameter	¼-inch (6.5 mm)
Conductor Insulation	Teflon™
Outer Insulation	High Temperature PVC
Filler Sheath	PEX
Max. Operating Temperature	220°F (105°C)
Min. Installation Temperature	40°F (5°C)

## ORDERING INFORMATION

### In-Slab Heat Cable

Item Number	Length (feet)	Approximate Heat Coverage (sq. ft.)			Watts (6 W/ft.)	Amps
		4-inch spacing	5-inch spacing	6-inch spacing		
Call for info	60	20	25	30	344	1.4
Call for info	90	30	35	45	515	2.1
Call for info	115	40	50	60	683	2.8
Call for info	145	50	60	75	852	3.6
Call for info	175	60	75	90	1026	4.3
Call for info	210	79	90	105	1226	5.1
Call for info	240	80	100	120	1395	5.8
Call for info	300	100	125	150	1735	7.2
Call for info	355	120	150	180	2072	8.6
Call for info	415	140	170	205	2410	10.0
Call for info	470	155	195	235	2756	11.5
Call for info	530	175	220	265	3097	12.9
Call for info	595	200	250	295	3470	14.5
Call for info	680	225	285	340	3972	16.6

### Thermostats

Item Number	Temperature Setting	Sensor	Typical Floor Covering	Typical Application
Call for info	Programmable	Floor	Tile, stone, marble	Comfort
Call for info	Programmable	Air	Tile, stone, marble	Primary
Call for info	Programmable	Air*	Wood, laminate, vinyl, carpet	Primary or Comfort
Call for info	Manual	Floor	Tile, stone, marble	Comfort
Call for info	Manual	Air	Tile, stone, marble	Primary

### Contactors Panels

Item Number	Description	Max. Amps	Coil Voltage	No. of Contactors
Call for info	Single Contactor, 600V	40	120	1
Call for info	Single Contactor, 600V	40	208-240	1
Call for info	Single Contactor, 600V	60	120	1
Call for info	Single Contactor, 600V	60	208-240	1
Call for info	Contactors panel w/o timer, 600V	100	120	2
Call for info	Contactors panel w/o timer, 600V	200	120	4

### Accessories

Part Number	Description
Call for info	Cable strapping (15 feet)
Call for info	Cable strapping (75 feet)

### WARRANTY INFORMATION

In-Slab Heating Cable: Genuine 10-year non-prorated warranty.

Thermostat: 2-year limited warranty.

In-Slab heat cable is UL approved for both US and Canada.

Warmzone can accept no responsibility for possible errors in catalogs, brochures, other printed materials, and website information. Warmzone reserves the right to alter its products without notice. This also applies to products already on order provided that such alteration can be made without subsequent changes being necessary in specifications already agreed upon.

