

- A more robust heating cable suitable for installation in a concrete screed
- Manufactured to the highest quality and backed by a 10 year warranty

## Applications

- Suitable for any type of room and both domestic and commercial installations
- Specifically designed for installation in a concrete screed
- Can be used with a wide variety of floor surfaces

## Features

- Twin core cable
- 3m power lead
- Continuous earth protection
- Held in place with metal fixing strips



Drum of IHC in-screed cable with IHC-F fixing strip

## In Screed Heating Cables

| Model   | kW  | Cable length (m) | Area Covered (m <sup>2</sup> ) @ 100W/m <sup>2</sup> | Area Covered (m <sup>2</sup> ) @ 150W/m <sup>2</sup> | Area Covered (m <sup>2</sup> ) @ 175W/m <sup>2</sup> |
|---------|---|------------------|--|--|--|
| IHC-016 | 0.16  | 8.3              | 1.6  | 1.1  | 0.9  |
| IHC-027 | 0.27  | 14.0             | 2.7  | 1.8  | 1.5  |
| IHC-034 | 0.34  | 17.2             | 3.4  | 2.3  | 1.9  |
| IHC-045 | 0.45  | 22.5             | 4.5  | 3.0  | 2.6  |
| IHC-054 | 0.54  | 27.4             | 5.4  | 3.6  | 3.1  |
| IHC-064 | 0.64  | 32.1             | 6.4  | 4.3  | 3.7  |
| IHC-072 | 0.72  | 35.8             | 7.2  | 4.8  | 4.1  |
| IHC-087 | 0.87  | 43.8             | 8.7  | 5.8  | 5.0  |
| IHC-107 | 1.07  | 53.5             | 10.7   | 7.1  | 6.1  |
| IHC-129 | 1.29  | 64.4             | 12.9   | 8.6  | 7.4  |
| IHC-158 | 1.58  | 79.0             | 15.8   | 10.5   | 9.0  |
| IHC-185 | 1.85  | 92.4             | 18.5   | 12.3   | 10.6   |
| IHC-230 | 2.30  | 117.3            | 23.0   | 15.3   | 13.1   |
| IHC-275 | 2.75  | 141.4            | 27.5   | 18.3   | 15.7   |
| IHC-F   | Metal fixing strip (10m) – typically one strip is required for every 8m <sup>2</sup> of heated area |                  |  |  |  |

## Cable Selection

The objective is to cover as high a percentage of the free floor area as possible. Cables should not be installed under fixtures such as kitchen cabinets and shower trays.

In larger rooms, it is common practice to use two or more cables which are usually connected in parallel and controlled by a single thermostat.

Typically, we suggest a watt density between 150W/m<sup>2</sup> and 175W/m<sup>2</sup> however lower densities are often used in well insulated properties

## Cable Installation

IHC cables are installed on a layer of insulation using IHC-F fixing strip. The cable should be arranged in evenly spaced loops and covered in 80mm to 100mm of concrete screed. IHC cables can be used with a wide variety of floor surfaces. If there is any doubt about the suitability of the suitability of a floor surface for use with underfloor heating, confirmation should be sought from the flooring supplier.

**FOR THERMOSTATS - See PAGE 16**