

# Loose Wire System

## Overview

The Loose Wire System is designed for use within the adhesive layer under tiles or within a levelling compound under other floor finishes. The variable spacing of the cable available during design and installation allows the system power to be tailored to the properties requirements.

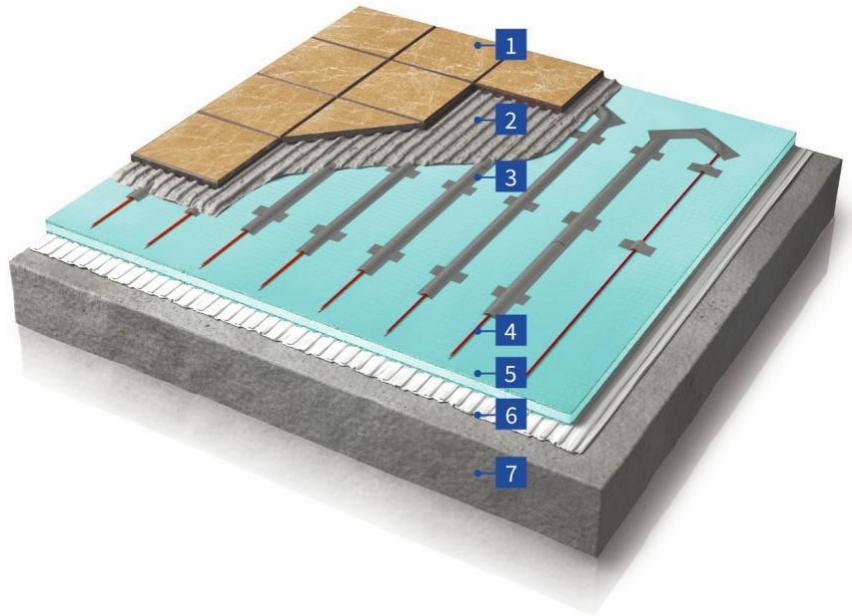
The Loose Wire System is ideal for installation within small or irregularly shaped areas. In a bathroom the cable can be easily installed around the fixtures and within rooms with curved features it can easily follow the contours.

The variable spacing of the cable also allows the heat output to be matched to requirements. For regularly shaped rooms the Sticky Mat system offers a quick and precise installation alternative to the Loose Wire System.

Alternatively, for floor finishes other than tiles the Foil Heater System offers utilizes a completely dry construction that does not require a levelling compound.

### FLOOR CONSTRUCTION

- 1 Floor finish
- 2 Tile adhesive or levelling compound
- 3 Tape
- 4 Loose Wire
- 5 Coated Insulation Board
- 6 Flexible Tile Adhesive
- 7 Subfloor



# Technical Data

TECHNICAL DATA - Loose Wire	
OPERATING VOLTAGE	220 - 240v: 50Hz
IP RATING	IPX7
CABLE THICKNESS	4mm 5mm
OUTPUT RATING	10W/m 20W/m
INNER INSULATION	FEP
OUTER INSULATION	PVC
MIN. INSTALLATION TEMP	5°C
MAX. OPERATING TEMP	80°C
CONNECTION	3m LONG “COLDTAIL” CONNECTION



## Features

Exceptionally quick response time with system installed directly beneath the tile floor finish  
4mm cable core heating cable is double insulated with an advanced fluoropolymer insulation and PVC jacket making it exceptionally tough and easy to tile over  
Ideal for irregular shaped rooms such as bathrooms where the cable can be easily installed around the fixtures  
By warming up and cooling down faster, before and after you use the room, the room is cooler when not in use  
losing less heat and saving energy  
BEAB Approved and CE marked meeting the highest safety standards for ultimate peace of mind   
Lifetime Installation Guarantee

# Technical Data

LOOSE WIRE SYSTEM (DWS)						
PRODUCT CODE	COLOUR	HEATER LENGTH	POWER (W)	LOAD (A)	RESISTANCE (Ω)	RESISTANCE BANDS (Ω)
UFHCAB105	BLUE	5	50	0.22	1058.00	1005.10~1110.90
UFHCAB1010	BLUE	10	100	0.43	529.00	502.55~555.45
UFHCAB1020	BLUE	20	200	0.87	264.50	251.28~277.73
UFHCAB1030	BLUE	30	300	1.30	176.33	167.52~185.15
UFHCAB1040	BLUE	40	400	1.74	132.25	125.64~138.86
UFHCAB1050	BLUE	50	500	2.17	105.80	100.51~111.09
UFHCAB1060	BLUE	60	600	2.61	88.17	83.76~92.58
UFHCAB1080	BLUE	80	800	3.48	66.13	62.82~69.43
UFHCAB10100	BLUE	100	1000	4.35	52.90	50.26~55.55
UFHCAB10120	BLUE	120	1200	5.22	44.08	41.88~46.29
UFHCAB10140	BLUE	140	1400	6.09	37.79	35.90~39.68
UFHCAB10160	BLUE	160	1600	6.96	33.06	31.41~34.72
UFHCAB2010	RED	10	200	0.87	264.50	251.28~277.73
UFHCAB2020	RED	20	425	1.85	124.47	118.25~130.69
UFHCAB2032	RED	30	650	2.83	81.38	77.32~85.45
UFHCAB2040	RED	40	830	3.61	63.73	60.55~66.92
UFHCAB2050	RED	50	970	4.22	54.54	51.81~57.26
UFHCAB2060	RED	60	1270	5.52	41.65	39.57~43.74
UFHCAB2070	RED	70	1410	6.13	37.52	35.64~39.39
UFHCAB2080	RED	80	1620	7.04	32.65	31.02~34.29
UFHCAB2090	RED	90	1890	8.22	27.99	26.59~29.39
UFHCAB20100	RED	100	1980	8.61	26.72	25.38~28.05
UFHCAB20125	RED	125	2530	11.00	20.91	19.86~21.95

# Thermostat

## For Central Heating and Underfloor Heating Systems



The UFHPROG features advanced controls for an entry-level thermostat. Able to use either floor, air or combination sensors to control the temperature, the thermostat is fully programmable for each individual day of the week.

Available in stylish and contemporary white with touch sensitive keys, the display has a modern white back light and offers both a holiday mode and manual override, plus up to four set points each day.

- Can switch up to 16 amps, (230v AC)
- Adaptive start learning function
- 12/24 Hour clock system can be selected
- Programs and settings can be reserved after power break
- 25-year warranty
- Supplied with a 3 Meter Remote Floor Prob

