

thermo Sphere

HEATING | FLOOR | SCREED



Robust, hard wearing cable

The advanced protective PVC coating on ThermoSphere screed heating cable protects the heating element during installation.



In screed heating

Suitable for installation in concrete screeds of 40mm to 100mm. For optimum efficiency, cables should be fixed to foil faced insulation.



Efficient storage heating effect

Take advantage of cheaper low cost energy tariffs such as off peak Economy 7 by heating up the floor construction during off peak times.



Primary or secondary heating

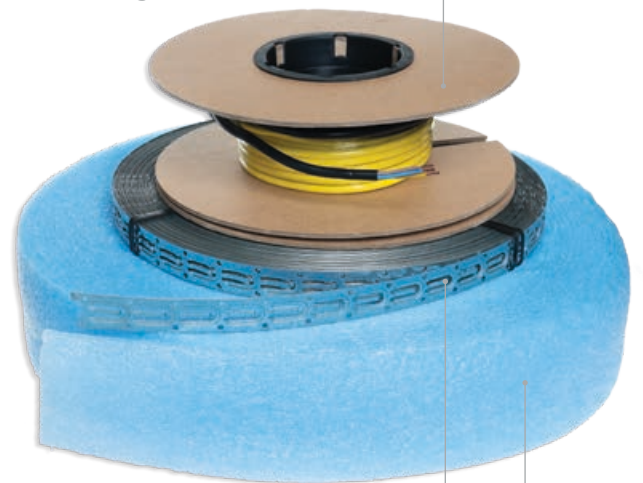
ThermoSphere screed heating cable is suitable for both primary and supplementary heating applications, in insulated properties.



Flexible cable spacing

The heating output per m² can be adjusted by varying the cable spacing to achieve your designed heating output.

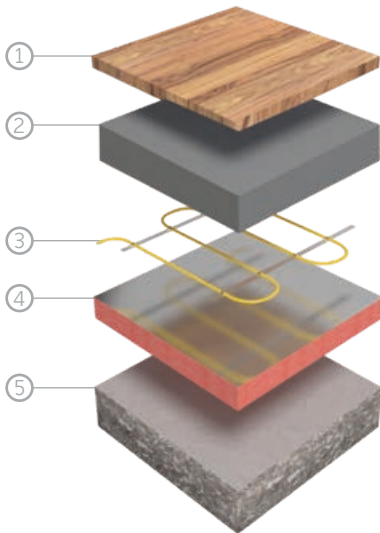
Hard wearing Twisted Twin
screed heating cable



Pre spaced galvanised fixing profile

Perimeter insulation foam

Floor build up example



- ① Floor finish
- ② 40-100mm screed
- ③ ThermoSphere screed heating cable
- ④ Substrate insulation layer
- ⑤ Concrete substrate



Fixing profile method

Screed cable fixing profile can be mechanically fixed to your substrate providing solid anchor points for the heating cable.

The cable is held in place with the easy to use cable clips and should be set out to cover the areas that you want to be heated.

See the installation guide for an in depth explanation of the fixing method.



Cable staple method

When installing directly onto foil faced insulation you can use 8mm staples that push directly into the insulation.

The 8mm staples can be pushed in by hand or installed using the Tacker Gun (SC-STG).

Stock Code	Description	Length (m)	Output (W)	Resistance (Ω)
SC-011-0200	Screed Cable 200W	11.0	200	264.5
SC-016-0300	Screed Cable 300W	16.5	300	176.3
SC-022-0400	Screed Cable 400W	22.0	400	132.2
SC-027-0500	Screed Cable 500W	27.5	500	105.8
SC-033-0600	Screed Cable 600W	33.0	600	88.2
SC-039-0700	Screed Cable 700W	39.0	700	75.6
SC-045-0850	Screed Cable 850W	45.0	850	62.2
SC-055-1000	Screed Cable 1000W	55.0	1000	52.9
SC-069-1250	Screed Cable 1250W	69.0	1250	42.3
SC-076-1375	Screed Cable 1375W	76.0	1375	38.5
SC-094-1700	Screed Cable 1700W	94.0	1700	31.1
SC-116-2100	Screed Cable 2100W	116.0	2100	25.2
SC-144-2600	Screed Cable 2600W	144.0	2600	20.4
SC-183-3300	Screed Cable 3300W	183.0	3300	16.0

Installation accessories

Stock Code	Description	Size	Unit
SC-STA-0600	Plastic Cable Staple	8mm (4 per 1m)	Pk 600
SC-STG	Tacker Gun		Ea
SC-GFP-025	Screed Cable Fixing Profile	20mm x 25m	Roll
PIF-80-050	Perimeter Insulation Foam	5mm x 80mm x 50m	Roll
SCM-W-01	Manual Thermostat		Ea