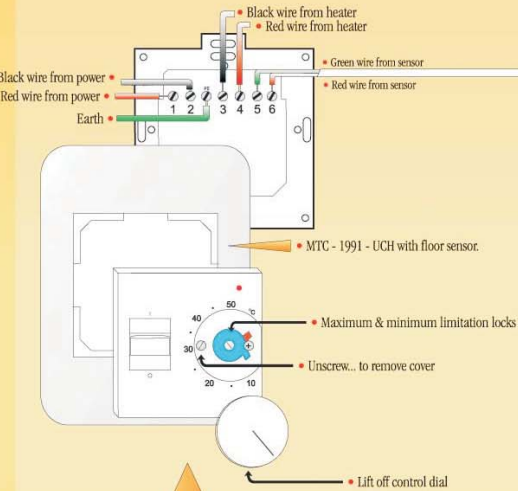
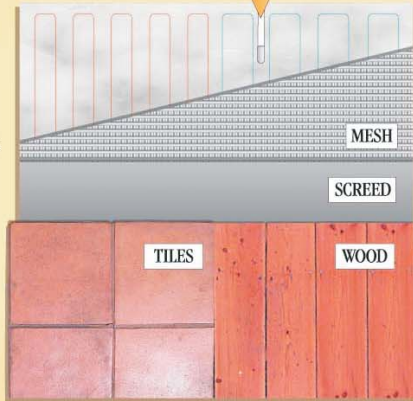


MICROTEMP ELECTRONIC THERMOSTATS

Air and floor sensor thermostats.

FLOOR SENSOR

- Microtemp thermostats for regulation, limitation and protection against excessive temperatures. Never exceed 27 degrees Celsius for laminate wood floors.
- Simple to install.
- Floor sensor is installed between the heating wire.
 - Diameter of sensor cable 6.5mm.
 - Floor sensor with 3.00m cable, can be extended.



APPLICATION

- If the purpose is to attain a comfortable floor temperature in e.g. bathrooms, we recommend that the thermostat is installed with a floor sensor. If the room heating is the primary purpose, an air sensor thermostat should be used.

- Protective cover - Polar white
- Red LED indicates when heating is on.
- Ambient temperature operation 0/ +50 degrees Celsius



On/off 2-pole isolator switch
Complies with SABS 0142 Code of Practice

DESIGN

- Microtemp is a range of Electronic thermostats in an elegant design.
- The range comes with a 16A output relay (3500watt).
- Flush mounting in standard 100 x 50mm wall box.
 - Voltage supply 230 Vac.
 - Dimensions:
Height 115mm Width 84mm Depth 58mm

AIR SENSOR THERMOSTAT

- MTC - 1999 - UCH with built-in air sensor.
- Air sensor thermostat is used for room heating.
 - Mounted approx. 1.2m above floor.
- Direct sunlight and draughty areas should be avoided.
- Maximum and minimum heat limitation locks.



WARMUP HEATING SYSTEMS INC.

Contact us for more information on our comprehensive range of floor heating systems

54 Richard Road Industria North Roodepoort Gauteng South Africa • PO Box 80130 Ridgeview 1701
Tel: +27 11 673 5063 • Fax: +27 11 673 4827 • e-mail: info@warmup.co.za • Website: www.warmup.co.za

AGENT DETAILS

FOR WARMTH YOU CAN COUNT ON



- The unobtrusive heating alternative • Full-room, balanced heating •
- Comprehensive range of attractive controllers • Robust, reliable and economical operation •
- Established 1984 • Countrywide network of authorised dealers • Safety tested internationally •
- 5 year factory warranty •

CALL 0800 00 65 65 TOLL FREE



WARMUP HEATING SYSTEMS INC.

Heating for every floor surface

WHY UNDERTILE HEATING?

Tiles are attractive, durable and hygienic, but so COLD in winter! Now you can enjoy them all year round at a fraction of the cost of conventional heating. For more than a decade, Warmup has provided safe, comfortable and economical heating to thousands of satisfied customers throughout South Africa and abroad. Consider these benefits of our proven Warmup heating systems.



The heat pattern from heaters and radiators shows that much of the heat rises to the ceiling and is lost through windows, leaving the living area as the last area to heat up.



With Warmup undertile heating the heat rises gently through the room, delivering heat directly to the living area with minimum heat loss.

SAFE

Warmup undertile heating cables are factory tested at 5000 Volts. The element insulation is tough, completely waterproof and resistant to chemical attack.

UNOBTRUSIVE

Discreetly hidden from view, our very thin heating cable (1 to 2mm), lies hidden between the tile and existing screeded surface. There are no visible elements or radiators. No summer-time storage problems.

SERVICE

We take pride in providing quality products and excellent customer service.

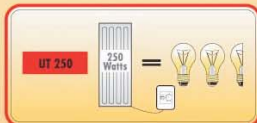
OVERALL-WARMTH

Warmup CAN cover up to 100% of the available floor area if required. This provides even heating with no cold areas (cold spots).

ECONOMICAL

Undertile heating has a vastly quicker response time when compared to conventional underfloor heating. You only heat the area you need, when you need it.

To give you an idea of the economy of Warmup...
A typical bathroom of 2.5sqm uses less power than three 100 Watt light bulbs.



PROVEN BENEFITS

- Warmup is healthy, no dry heated air to aggravate allergies or asthma
- Increases the value of your home
- Evenly dispersed warmth throughout your home
- Programmable temperature controllers (air and floor sensing) give you precise control of comfort levels
- No more cold floor tiles and cold feet

ADVANTAGES OVER CONVENTIONAL HEATING METHODS

- Energy efficient and economical to run
- Environmentally friendly
- Completely safe - no need for those dangerous heaters and open fires
- Zero maintenance
- No noise

TECHNOLOGY

Warmup components have the benefit of over 30 years of European technology for applications that demand harsh conditions, continuous operation at high temperatures and long working life.

CONTROL

While Warmup heaters have been designed to never overheat - and may be left on continuously - timers and thermostats are available as optional extras for additional control.

GUARANTEE

A 5 year factory-backed warranty covers the heating cable.

A CLOSER LOOK AT UNDERTILE HEATING...

COMFORT

- Installed directly beneath virtually any floor covering.
- Warmth can be felt within an hour.
- Economical to run.
- No summertime storage problems.
- There are no visible elements or radiators.

ROBUST HEATING WIRE

- Slim cable construction, thickness less than 2mm.
- Extremely strong with high electrical and mechanical strengths.
- Strong outer Fluoropolymer insulation is highly resistant to chemical attack.
- No maintenance.

SAFETY

- Heating cables are factory tested at 5000 Volts.
- The element insulation is tough and waterproof.
- The heating cable has been designed to never overheat.

MESH

- Resin-coated glass fibre re-inforcing mesh.
- Reduces risk of tiler and builder damage.
- Designed to protect heating cable.
- Approved for use by leading screed manufacturers.
- Adds strength to screed layer.

HEATING FORMULA

- Calculate wall to wall area in square metres. E.g. Main bedroom is 5.00 x 5.00 = 25m²
- 25m² x 80 Watts heat = 2 000 Watts required. Therefore a minimum of 2 000 Watt heating wire should be installed.

REPAIRABLE

- Warmup heating cables are all robustly designed.
- However, where accidental damage occurs, the heating system can be conveniently repaired by an approved technician.

IMPORTANT

- Very cold rooms, high ceilings and open plan areas should be calculated at 100 Watts per square metre rather than 80 Watts per square metre for required heat.

VERSATILE

- Heating cable can accommodate all shapes and sizes of rooms with up to 100% coverage, but generally covers 50-60% of available floor area.
- Warmup can heat areas from 1/2m² to infinity.
- Complete area coverage means no cold spots and an evenly distributed heat release.

INSTALLATION

- Simple installation - when building or renovating.
- Changes in floor levels are minimal.
- Heating cable may be installed on new or existing floors.
- Fully concealed installation permits full use of living or working area.

FOR WARMTH YOU CAN COUNT ON



WARMUP HEATING SYSTEMS INC.

Heating for every floor surface