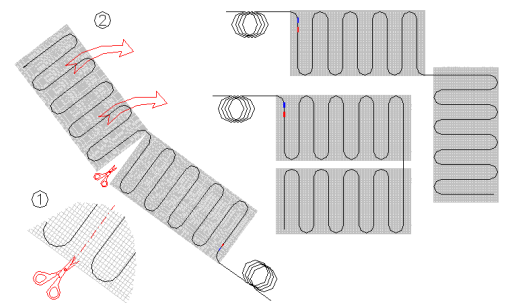
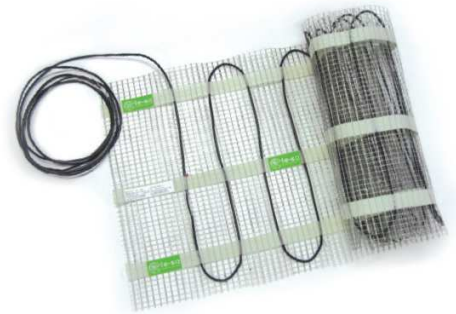


THERMOSYSTEM ELECTRIC RADIANT MAT

Application and Characteristics

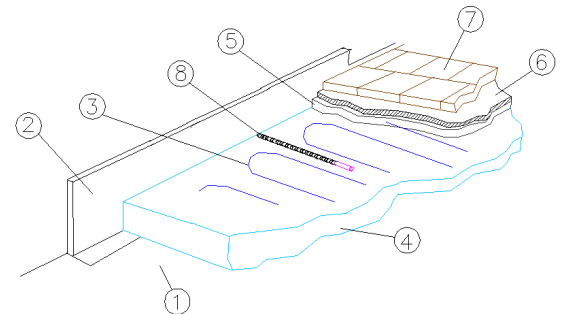
The Electric Thermosystem is intended for use in residential applications, often for recovery of the existing one, where it is wanted to create a low thickness radiant system or where, for different reasons, it is impossible to create a hydronic type system. The system sometimes encounters some obstacles due to the high cost of electricity, but it becomes particularly interesting if photovoltaic panels for self-production of electricity are installed.

The **8200E** electric radiant mat is made of a heating cable fixed on a ladderproof fiberglass support network. Supplied rolled up, it allows quick and easy application inside the spaces to be heated. The mesh can be cut and bent at 90° or 180° to adapt its length to the laying surface. The terminals of the heating cables of the same area are connected in electrical parallel to the **8200T2** control room thermostats, with the opportunity to extend them with common electric cables by means of junctions inside junction boxes. In order to obtain maximum heat output, the radiant mat must be embedded in a bed base before laying the surface finishes.



Technical data

- Power supply 230 Volt-50 Hz
- Mat thermal output 150 W/m²
- 3 m long connection cable
- Minimum installation temperature + 5 °C
- Minimum bending radius of the heating cable 5 cm
- Tolerance on the electrical resistance of the mats -5% / +10%
- Continuous junction between cold cable and heating cable without additional sheath
- Insulation of the heating cable in low-gas halogen-free polyolefin
- Adhesive warp-knit fiberglass support network
- Useful heating width of the mat 0,47 m
- Total mat width 0,50 m
- Lengths available in the catalog 2 m, 4 m, 6 m, 8 m and 10 m
- Including 1,5 m spiral sheath with chromed brass terminal for introduction of the 8200T2 thermostat underfloor temperature probe
- CE certified



1	Laying surface
2	Perimeter strip
3	Electric heating mat
4	Insulating panel (recommended)
5	Hollow bed skim coat
6	Coating adhesive material
7	Floor covering
8	Floor temperature sensor

Dimensions and thermal output

Code	Length	Radiant surface	Power output
8200E-02	2 m	1 m ²	150 W
8200E-04	4 m	2 m ²	300 W
8200E-06	6 m	3 m ²	450 W
8200E-08	8 m	4 m ²	600 W
8200E-10	10 m	5 m ²	750 W

