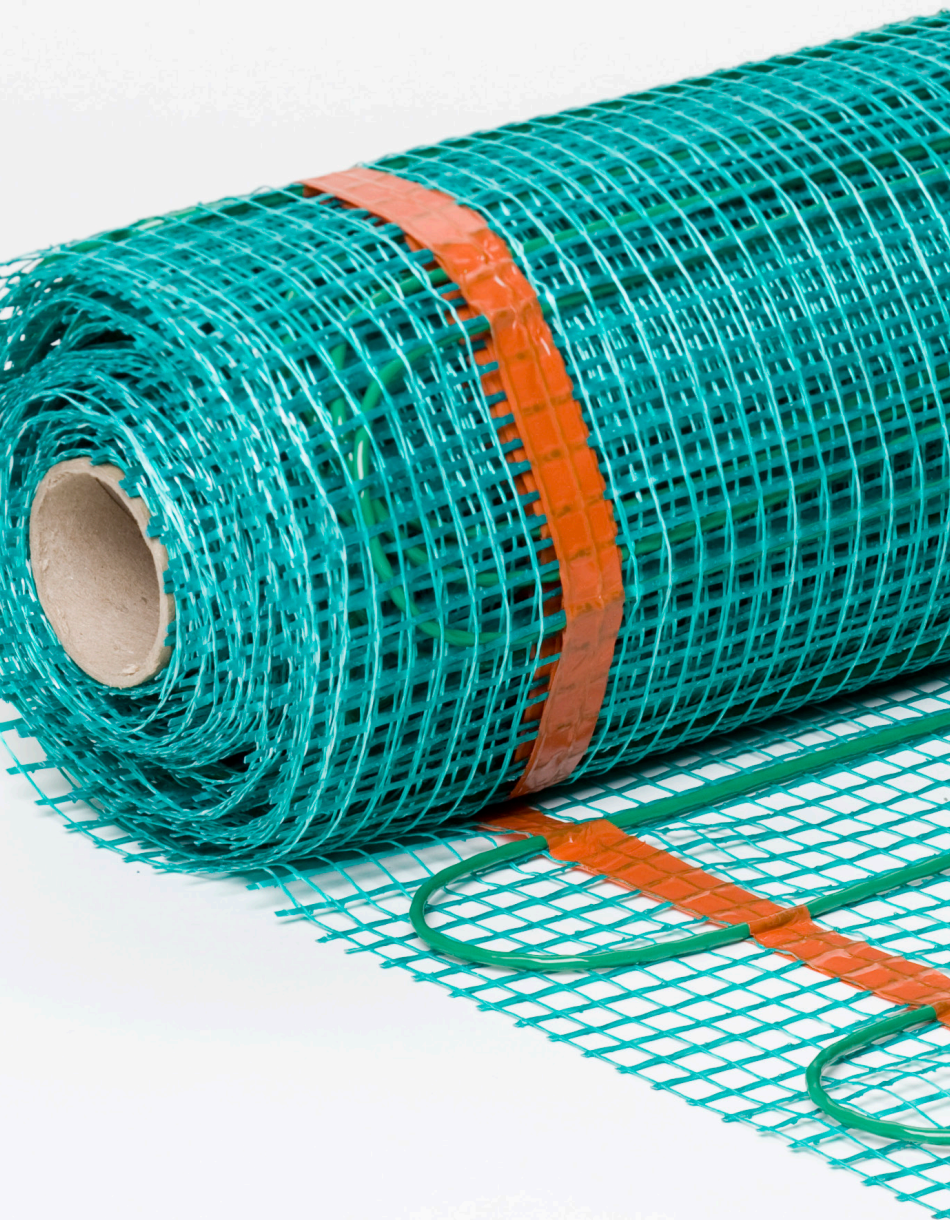


Green Cable *Mat*



Comfort, squared

Since you simply have to unroll it, the Green Cable™ *Mat* is perfect for square or rectangular rooms with no obstacles. Consisting of a 3W cable with 7.6 cm (3 in) spacing on a self-adhesive substrate, it has a standard width of 61 cm (24 in) and is available in various lengths to ensure a perfect coverage at all times.

Advantages of the Green Cable *Mat*

- Mat with self-adhesive backing for easy installation
- Easy installation: no return to the thermostat
- Robust mechanical joint system
- Strong and reliable copolymer jacket
- Compatible with ceramic and natural stone floor coverings
- EMF-free (electromagnetic field)*
- Up to 28% in energy savings**
- Does not dry the air nor spread dust and germs
- Requires no maintenance
- Designed for installation in a wet environment (make sure that the installation complies with the local or regional electrical code)
- Manufactured entirely at the FLEXTHERM plant, with end-to-end quality control
- CSA approved (Canada and the US)
- Lifetime warranty when installed by a FLEXTHERM certified installer (otherwise, the 25 year limited warranty applies)

* Based on the installation instructions included in the FLEXTHERM installation guide, the recorded EMF measurement is considered insignificant (between 0.25 mg and 0.5 mg).

** In rooms heated with the FLEXTHERM floor heating system.

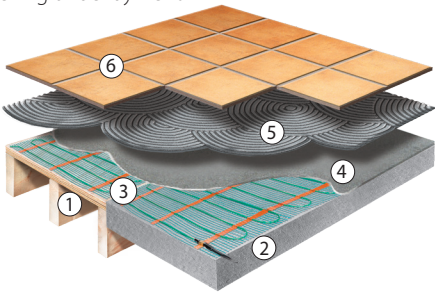




Which floor covering to choose

The type of floor covering also has an influence on the choice of system output. Since the spacing of the cable installed on the mat is constant and produces of output of 129 W/m² (12 W/pi²), this product is compatible with ceramic and natural stone coverings.

- ① Wood structure
- ② Concrete structure
- ③ FLEXTHERM's Green Cable Mat
- ④ Mortar or self-levelling underlayment
- ⑤ Adhesive
- ⑥ Floor covering



Compatibility of the Green Cable Mat with installation surfaces and floor coverings

Green Cable Mat		
	Floor covering	
Installation surface	Ceramic	Natural stone
Plywood	✓	✓
Smooth concrete ¹	✓	✓
Concrete panels	✓	✓
Ceramic	✓	✓
Acoustic membrane	✓	✓
Anti-fracture membrane	✓	✓
Scratch coat	✓	✓
Mortar bed ¹	✓	✓

¹ The concrete slab (or mortar bed) must be insulated to avoid heat loss from below. FLEXTHERM also recommends that all rooms supported by the concrete slab be equipped with a FLEXTHERM floor heating system to avoid perimeter heat loss.

Electrical characteristics	
Standard voltage	120 and 240 volts (208 volts available upon request)
Output	129 W/m ² (12 W/ft ²)
Connection to thermostat	Simple installation: a single cold lead is connected to the thermostat (return feed on the same cable)
Cold lead	2.1 m (7 ft) Two conductors and grounding
Certification / Mark of Approval	cCSAus, for embedded floor warming applications, in Canada and USA. Dry and Wet environments. CSA file N° 99786
No significant electromagnetic field emission*	✓

* Based on the installation instructions included in the FLEXTHERM installation guide, the recorded EMF measurement is considered insignificant (between 0.25 mG and 0.5 mG).