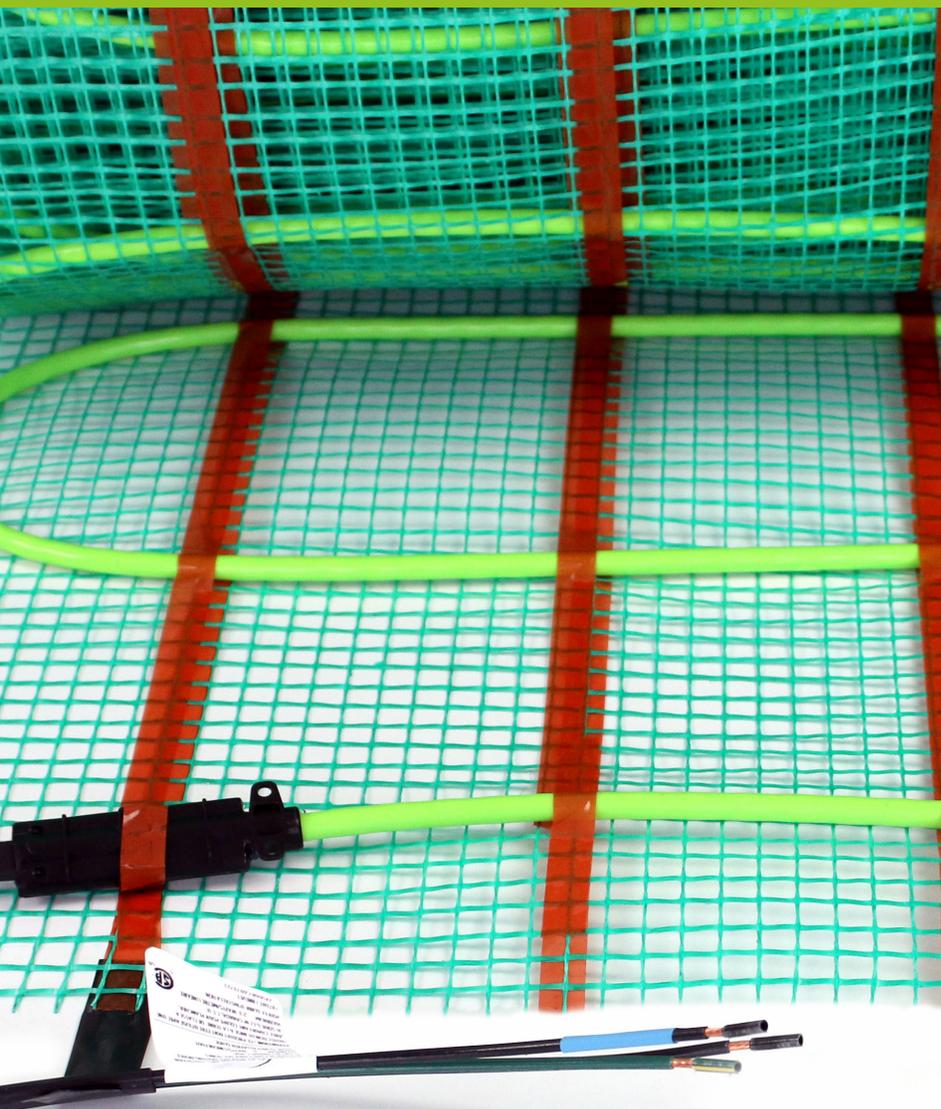


Concrete Mat *Xpress*



Embedding in concrete made quick and easy

The Concrete Mat *Xpress* offers the strength, reliability and performance of the Green Cable *Concrete* as well as a simple installation thanks to its self-adhesive substrate. Consisting of a 6W cable on a 61 cm (24 in) wide self-adhesive substrate with a 15 cm (6 inch) spacing, the mat is designed to be installed on the insulation of the concrete slab or over a plywood or concrete subfloor under a concrete topping.



Advantages of the Concrete Mat *Xpress*

- Fast and simple installation thanks to the self-adhesive substrate over the insulation under the concrete slab or under a minimum 1.5 inch concrete topping
- No surface preparation or maintenance cost
- Does not raise the floor height
- Increased thermal mass effect and heat is spread more evenly due to the exceptional heat storing and releasing capacity of the concrete mass
- Compatible with most floor coverings
- Easy installation: no return to the thermostat
- EMF-free (electromagnetic field)*
- Up to 28% in energy savings**
- 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.

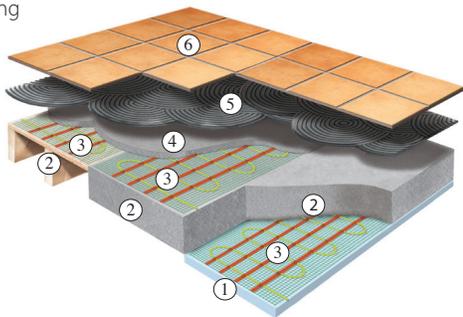




Which floor covering to choose

Despite the 12W/ft² output created by the cable's constant spacing on the mat, the Concrete Mat Xpress is compatible with most floor coverings since it is always installed under an important concrete mass.

- ① Insulation
- ② Concrete slab / plywood
- ③ FLEXTHERM's Concrete Mat Xpress
- ④ Concrete topping
- ⑤ Adhesive
- ⑥ Floor covering



Concrete Mat Xpress	
Floor covering	Spacing power
	Mat
	129 W/m ² (12 W/ft ²)
Ceramic	✓
Natural stone	✓
Engineered wood ¹	✓
Vinyl ¹	✓
Floating floor ¹	✓
Linoleum ¹	✓
Parquet ¹	✓
Carpet ¹ (without rubber backing or carpet padding)	✓

¹ For floor coverings other than ceramic and natural stone never exceed a temperature of 28°C. Always check with the manufacturer of the floor covering first, to make sure its product is compatible with FLEXTHERM floor heating systems.

Installation surfaces

Concrete slab insulation ¹	✓
Plywood subfloor ¹	✓
Concrete subfloor	✓

¹ If installed on a plywood or concrete subfloor, the Concrete Mat Xpress must be covered with a concrete topping.

Electrical characteristics

Standard voltage	240 volts (208 available on special order)
Output	129 W/m ² (12 W/ft ²)
Output by type of installation	Spacing at every 15 cm (6 in) : 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	3 m (10 ft) Two conductors and grounding
Certification	CSA Canada: series type G and W space heating CSA US: series type C space heating Dry and wet environments
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).