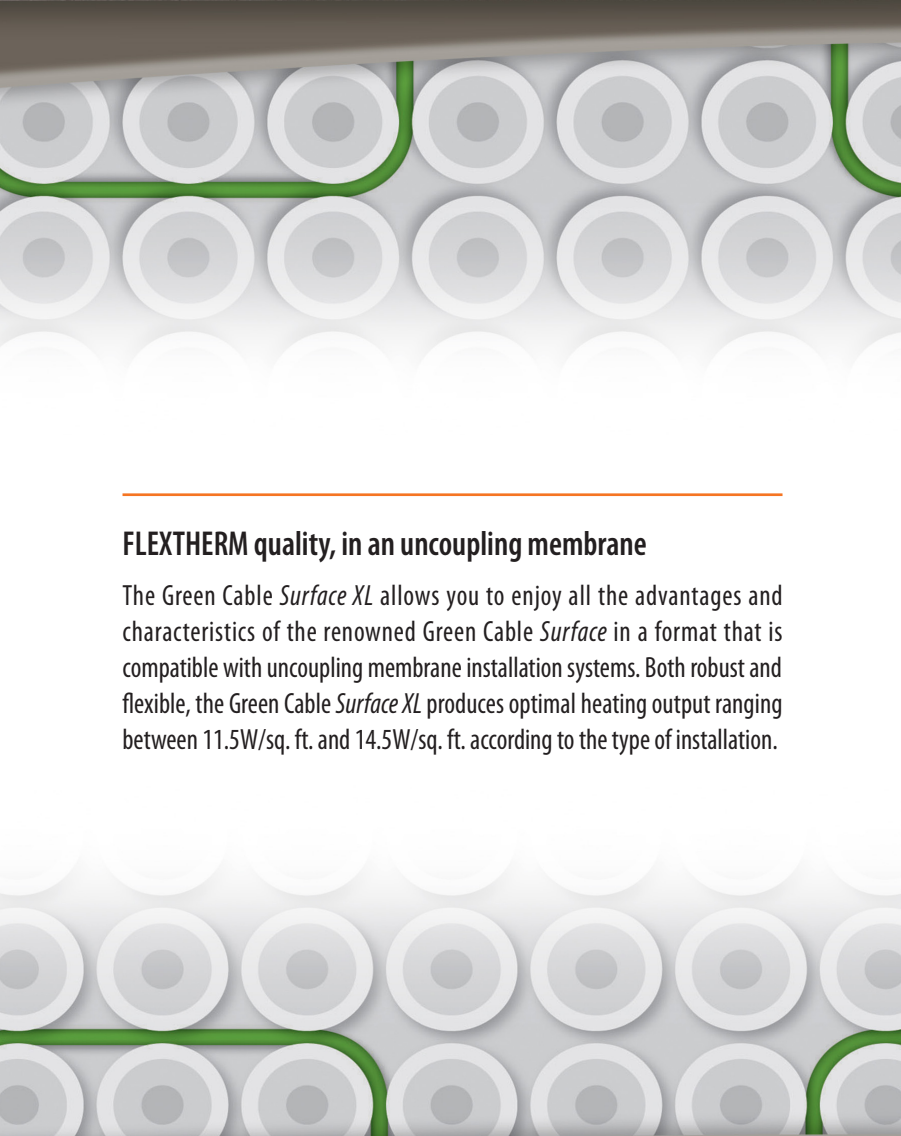


Green Cable *Surface XL*



FLEXTHERM quality, in an uncoupling membrane

The Green Cable *Surface XL* allows you to enjoy all the advantages and characteristics of the renowned Green Cable *Surface* in a format that is compatible with uncoupling membrane installation systems. Both robust and flexible, the Green Cable *Surface XL* produces optimal heating output ranging between 11.5W/sq. ft. and 14.5W/sq. ft. according to the type of installation.



Advantages of the Green Cable *Surface XL*

- Compatible with uncoupling membrane installation systems (can be installed at a 3 inch, 3.5 inch and 3.75 inch spacing, according to the membrane)
- Can also be installed with FLEXTHERM's white *Universal Snap-in Gauges™* (sold separately) and the *FLEXSnap+* installation system
- Compatible with ceramic and natural stone floor coverings
- 3.6W cable available in 120V, 208V and 240V
- Robust sheath with a constant diameter
- Available in a multitude of lengths to ensure a complete coverage in rooms of all shapes and sizes
- EMF-free (electromagnetic field)*
- Up to 28% in energy savings**
- Does not dry the air nor spread dust and germs
- Requires no maintenance
- Easy installation: no return to the thermostat
- 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





Which floor covering to choose

Regardless of the installation method chosen, the Green Cable *Surface XL* is compatible with ceramic and natural stone floor coverings. The use of soft floor covering is not recommended for this product.

Green Cable <i>Surface XL</i>		
Installation surface	Floor covering *	
	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 in order to avoid perimeter heat loss.

* When installing with a membrane, refer to the membrane manufacturer to confirm the product's compatibility with the floor coverings

Electrical characteristics

Standard voltage	120 and 240 volts (208 volts available upon request)
Output	11.8 W/linear m (3.6 W/linear ft)
Output for an installation with uncoupling membrane	3 inch spacing: 14.5 W/ft ² 3 1/2 inch spacing: 12W/ft ² 3 3/4 inch spacing: 11.5W/ft ²
Output for an installation with Universal Snap-in Gauges™	4 inch spacing (on concrete only): 10.8 W/ft ² 3 inch spacing: 14.5W/ft ²
Connection to the thermostat	Easy 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 embedded heating CSA US: series type C embedded 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).