

STEP 4 Choose Your Thermostat

Surface Art thermostats provide comfort and control. Both feature built-in ground fault protection (GFCI), and include a temperature sensor, installation accessories and complete instructions.



COLOR TOUCH PROGRAMMABLE

The Surface Art Heat Color Touch thermostat features an easy-to-use touchscreen interface with programmable settings for time schedules and floor temperature.



WIFI ENABLED PROGRAMMABLE

Connect to and control this wifi-enabled thermostat remotely from anywhere through the OJ Microline UWG4 smartphone app: change the temperature, adjust the programming schedule, monitor energy usage, activate child lock feature, and more.

Get the OJ Microline UWG4 app in the App Store or Google Play.



STEP 5 Add Your Accessories

These accessories make your Surface Art Heat installation easier and faster:



THERMOSTAT SENSOR WIRE

One sensor comes with your thermostat but we recommend purchasing an additional sensor as a back-up.



FCM HEATING CABLE FAULT INDICATOR

Helps monitor the installation as you go by sounding a loud signal in case of a ground fault or an open or shorted connection in the cable.

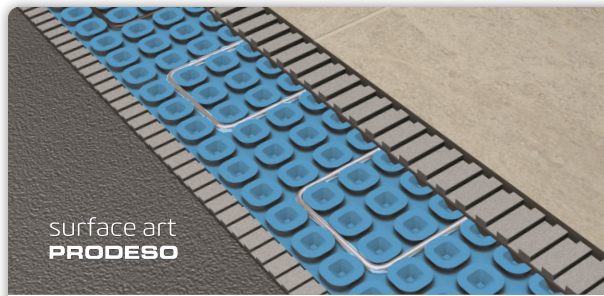


RELAY KITS

Relay kits allow large area coverage using one thermostat and are only required if your system exceeds 15 amps. Includes faceplate.

PLRK1 120-Volt Relay Kit

PLRK2 240-Volt Relay Kit



surface art
PRODESO

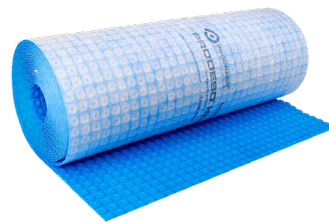
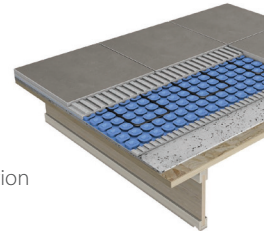
PRODESO UNCOUPLING MEMBRANE

The combined benefits of an underlayment membrane with the comfort and convenience of electrical floor heating

Prodeso Uncoupling Membrane is a patented polypropylene uncoupling crack isolation waterproofing membrane, with rounded square shaped reliefs. These reliefs form a channel specially designed to embed and hold the Surface Art Heat Cable.

Prodeso Uncoupling Membrane's Patented and Unique Design Allows for:

- Flexible heating zones
- Cost and time-saving installation
- Waterproofing
- Uncoupling crack isolation
- Vapor management
- Support load distribution
- Minimal height increase - just 5.5mm (1/4 inch)



Available in 3.25 ft wide rolls:

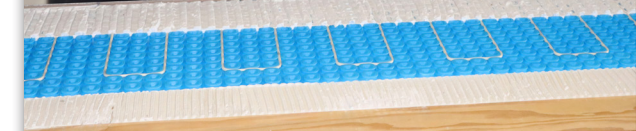
- 49.5 ft long roll, totalling 161 SF
- Also sold by lineal foot



NEED MORE INFORMATION?

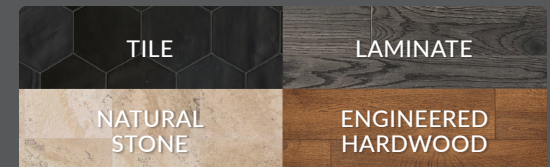
Contact an Authorized Surface Art dealer or Surface Art directly at 206-315-4558 or at surfaceartinc.com

surface art **HEAT** FLOOR WARMING CABLE SYSTEM

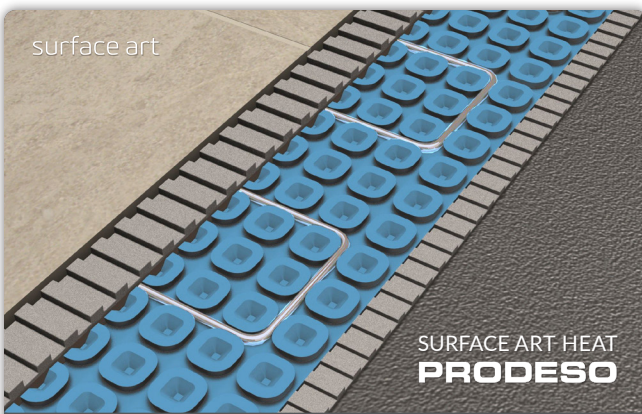


Easily add the comfort and convenience of radiant floor heating to your flooring installation

- For use with Surface Art's patented Prodeso Uncoupling Membrane
- For installation under these flooring products:



*For use under engineered, floating wood floors only. Not approved for nailed-down installations.



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SURFACE ART HEAT
PRODES0

Adding Radiant Heat to Your New Flooring Installation is This Easy!

Surface Art Heat Floor Warming Cables are easy to install and a healthy and efficient way to get warm, comfortable floors - whether they're ceramic or porcelain tile, natural stone, and even laminate.

Why Radiant Heat?

Although used for millennia, radiant heat has become increasingly popular as its installation becomes simpler and less expensive. Here are some of its benefits:

- Energy-Efficient
- Quiet, Allergy-Friendly Heating - no drying, blowing air
- Consistent Temperature - all day long
- Flexible Fueling
- No Need for Ductwork
- Versatile - works under most floor covering products
- No More Cold Feet!

Installing a floor-warming system used to be complicated, frustrating and expensive. **Surface Art Heat** and Prodeso Uncoupling Membrane take the mystery out of floor warming so you can enjoy cozy new floors much sooner!

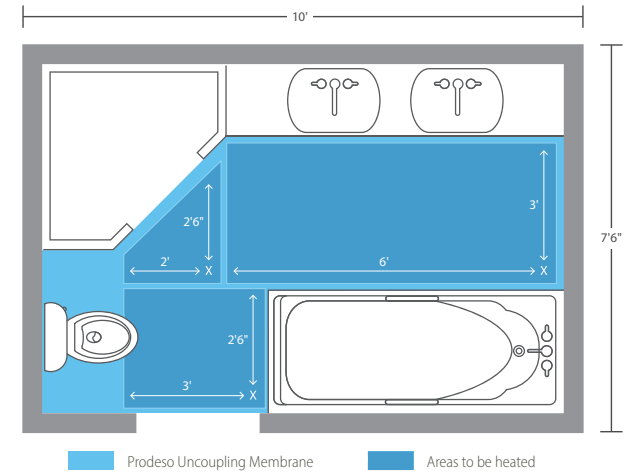


STEP 1 Calculate Total Area to be Heated

1. Create a diagram of your floor plan, similar to the one shown at right.
2. Break down the walkable area to be heated into smaller portions (squares, rectangles), if needed.
3. Find each floor section's square area by multiplying the length and width of each walkable floor section. Add each of these together for the installation's total walkable square area. Shown as dark blue.

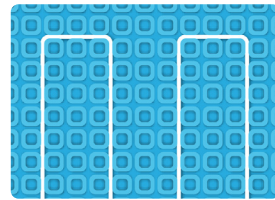
TIPS

1. For triangular sections, multiply its sides and divide by 2.
2. Order **Prodeso Uncoupling Membrane** based off full square footage of the room, not just the square footage to be heated. Prodeso is a backer-board replacement and will need to be installed on the entirety of the floor.



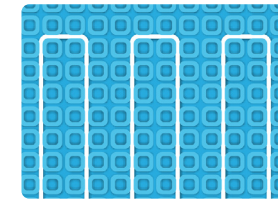
Prodeso Uncoupling Membrane Areas to be heated

STEP 2 Determine Heating Needs & Cable Spacing Requirements



Standard Cable Spacing

Use standard cable spacing for insulated wood subfloors. For example, a second story bathroom.



Dense Cable Spacing

Use dense cable spacing for rooms above unheated areas, concrete slabs, or high heat loss areas. For example, a basement bathroom.

STEP 3 Choose Voltage and Correct Cable kit

For areas larger than 70 square feet (6.50 m²), the 240 Volt Cable is recommended. Each cable kit includes heating cable, 1 thermostat sensor, and installation instructions.

120 Volt Cable

| Model Number | Standard Heating Area Square Feet | Dense Heating Area Square Feet | Current Amps* |
|--------------|-----------------------------------|--------------------------------|---------------|
| G0211S | 22-25 SF | 15-17 SF | 2.3 |
| G0251S | 25-30 SF | 17-20 SF | 2.6 |
| G0311S | 31-37 SF | 21-25 SF | 3.3 |
| G0421S | 39-52 SF | 26-34 SF | 4.4 |
| G0531S | 53-63 SF | 35-42 SF | 5.5 |
| G0651S | 63-77 SF | 42-51 SF | 6.7 |
| G0811S | 80-94 SF | 53-63 SF | 8.3 |
| G0971S | 96-112 SF | 64-75 SF | 10 |
| G1141S | 111-134 SF | 74-90 SF | 11.8 |

240 Volt Cable

| Model Number | Standard Heating Area Square Feet | Dense Heating Area Square Feet | Current Amps* |
|--------------|-----------------------------------|--------------------------------|---------------|
| G0632S | 62-75 SF | 41-50 SF | 3.3 |
| G0812S | 79-97 SF | 52-64 SF | 4.2 |
| G0972S | 94-114 SF | 63-76 SF | 5 |
| G1132S | 112-130 SF | 75-87 SF | 5.8 |
| G1312S | 130-150 SF | 87-100 SF | 6.7 |
| G1632S | 157-190 SF | 104-127 SF | 8.3 |
| G1962S | 190-227 SF | 127-151 SF | 10 |
| G2312S | 225-265 SF | 150-177 SF | 11.8 |

* CAUTION: Kit combinations that exceed 15 Amps may require a relay kit.

