WARMZONE
PREMIER RADIANT HEATING



PRODESO® HEAT SYSTEM

2015

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PROFILES & SYSTEMS

MADE IN ITALY

FLYPDESH15USA
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PRODESO® HEAT SYSTEM

Revolutionary patented system, uncoupling, crack isolation and waterproofing membrane, for electrical floor heating

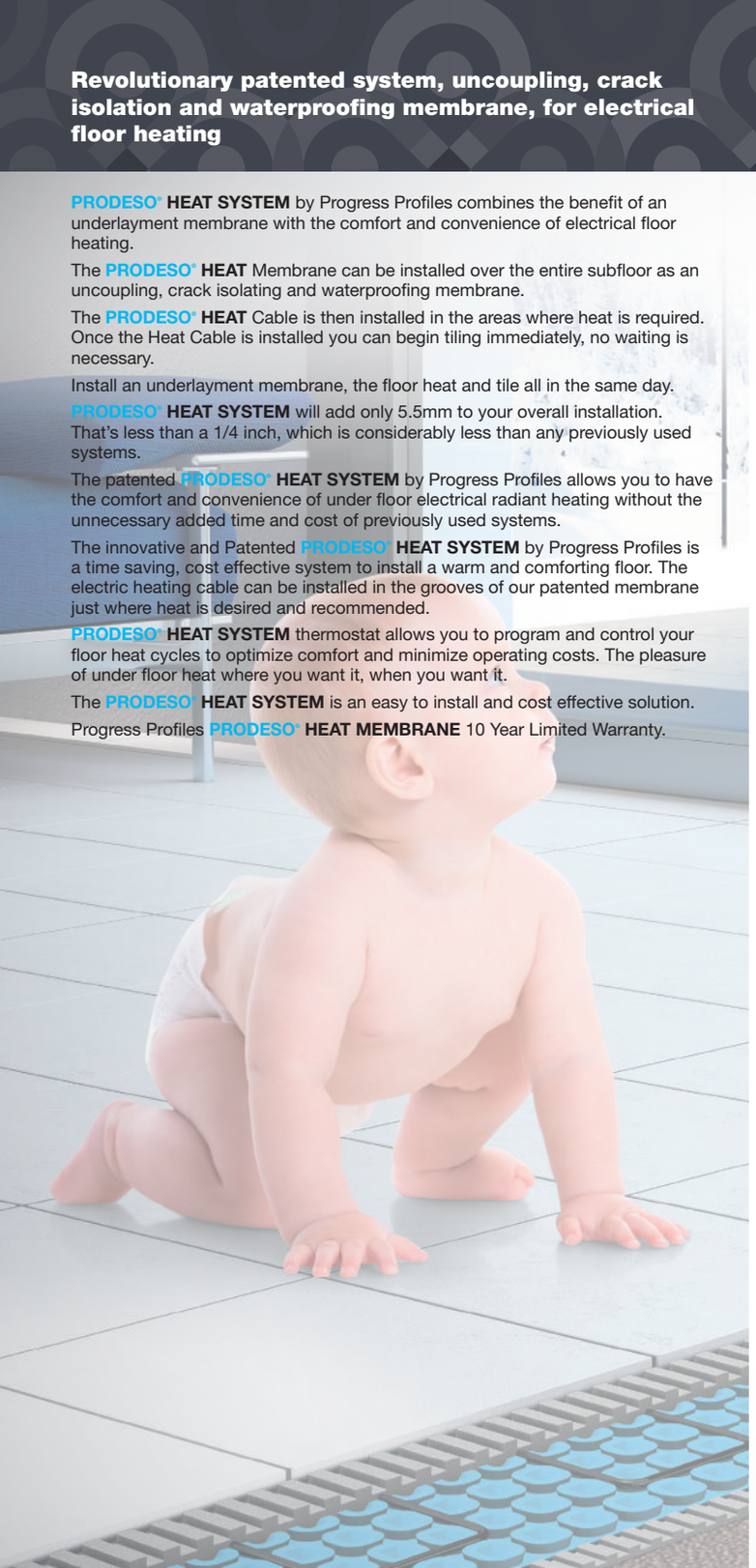


PROGRESS® PROFILES

Revolutionary patented system, uncoupling, crack isolation and waterproofing membrane, for electrical floor heating

The advantages of a radiant heat floor system have long been known but the PRODESO® HEAT SYSTEM has game changing advantages

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PRODESO® HEAT SYSTEM by Progress Profiles combines the benefit of an underlayment membrane with the comfort and convenience of electrical floor heating.

The **PRODESO® HEAT** Membrane can be installed over the entire subfloor as an uncoupling, crack isolating and waterproofing membrane.

The **PRODESO® HEAT** Cable is then installed in the areas where heat is required. Once the Heat Cable is installed you can begin tiling immediately, no waiting is necessary.

Install an underlayment membrane, the floor heat and tile all in the same day.

PRODESO® HEAT SYSTEM will add only 5.5mm to your overall installation. That's less than a 1/4 inch, which is considerably less than any previously used systems.

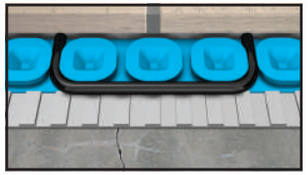
The patented **PRODESO® HEAT SYSTEM** by Progress Profiles allows you to have the comfort and convenience of under floor electrical radiant heating without the unnecessary added time and cost of previously used systems.

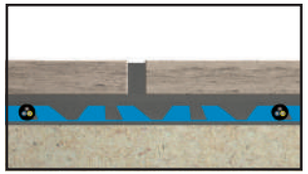
The innovative and Patented **PRODESO® HEAT SYSTEM** by Progress Profiles is a time saving, cost effective system to install a warm and comforting floor. The electric heating cable can be installed in the grooves of our patented membrane just where heat is desired and recommended.

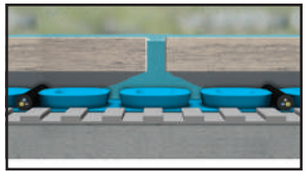
PRODESO® HEAT SYSTEM thermostat allows you to program and control your floor heat cycles to optimize comfort and minimize operating costs. The pleasure of under floor heat where you want it, when you want it.

The **PRODESO® HEAT SYSTEM** is an easy to install and cost effective solution.

Progress Profiles **PRODESO® HEAT MEMBRANE** 10 Year Limited Warranty.







- Thanks to the uncoupling and crack isolating properties of the **PRODESO® HEAT MEMBRANE**, it's possible to install tile and floor heating over a variety of difficult substrates such as Plywood, Cement Slabs etc.
- Thanks to the uncoupling and crack isolating properties of **PRODESO® HEAT MEMBRANE**, it's possible to eliminate some of the otherwise necessary expansion joints in your installation.
- With its low profile design, the height of the membrane is only 5,5 mm (¼ inch) **PRODESO® HEAT MEMBRANE** is the perfect solution for remodeling projects where the new floor needs to transition over an existing surface.
- The low overall weight of the system makes it the perfect choice for applications when load bearing capacity of the subfloor is a limitation.
- Low thermal inertia. Tiles are installed directly on top of the heating cable. The heat will transfer rapidly and efficiently to the above tile for instant comfort and enjoyment.
- The benefit of choosing exactly where to install your heat areas will allow you to maximize your return on investment. Heat where you want it, when you want it, reducing the operating cost of the overall system while increasing the comfort and value of your home.
- Cost effective/time saving installation, coupled with the efficiency and safety of electric radiant heat make **PRODESO® HEAT SYSTEM** the obvious **PRODESO® HEAT SYSTEM** does not require any maintenance over time.

PRODESO® HEAT

TEST PROCEDURE: ASTM C627: "Standard Test Method for Evaluating Ceramic Floor Tile Installation Systems Using the Robinson-Type Floor Tester"

Report Number	Substrate	Tile	Joist Spacing	Achieved Rating
TCNA-772-14	Concrete	12 x 12 Porcelain Tile	Not Applicable	Extra Heavy
TCNA-773-14	OSB/plywood	12 x 12 Porcelain Tile	19.2"	Extra Heavy

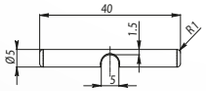
PRODESO® HEAT MEMBRANE

is a polypropylene uncoupling crack isolation waterproofing membrane, with rounded square shaped reliefs. These reliefs form a channel specially designed to embed and hold the Prodeso Heat Cable. Prodeso Heat Membrane unique design allows for:

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



PRODESO® HEAT MEMBRANE	
Article	
PDESH 151/A	PRODESO HEAT uncoupling and waterproofing membrane 3' 3" X 49' 2 ½" = 161.5 Ft² (1 m x 15 m = 15 m²)
PDESH 051/A	PRODESO HEAT uncoupling and waterproofing membrane 3' 3" X 16' 4 ¾" = 53.8 Ft² (1 m x 5 m = 5 m²)



PRODESO® HEAT CABLE CLIP	
Article	
PCBLF	Plastic Clip to hold heating cable on Prodeso Heat Membrane (40mm 1 5/32")

COMFORTTILE HEAT CABLE

is a UL listed heating cable designed to work in conjunction with Prodeso Heat Membrane. Do not exceed 15 watts/ft².
View the ComfortTile data sheet for more specs and info.

HEAT CABLE - ComfortTile

Floor Heating Cable - 120V

Part #	Length (ft)	Approximate Heat Coverage (sq.ft.)		Amps	Watts (3W/ft)
		2.5" spacing	3.75"spacing		
TC10120	38.9	8	12	1.0	120
TC10240	77.8	16	24	2.0	240
TC10360	116.7	24	36	3.0	360
TC10480	155.6	32	49	4.0	480
TC10600	194.5	41	61	5.0	600
TC10720	233.5	49	73	6.0	720
TC10840	272.4	57	85	7.0	840
TC10960	311.3	65	97	8.0	960
TC11210	391.7	82	122	10.1	1210
TC11420	461.1	96	144	11.8	1420

Floor Heating Cable - 240V

Part #	Length (ft)	Approximate Heat Coverage (sq.ft.)		Amps	Watts (3W/ft)
		2.5" spacing	3.75"spacing		
TC20120	38.9	8	12	0.5	120
TC20240	77.8	16	24	1.0	240
TC20360	116.7	24	36	1.5	360
TC20480	155.6	32	49	2.0	480
TC20600	194.5	41	61	2.5	600
TC20720	233.5	49	73	3.0	720
TC20840	272.4	57	85	3.5	840
TC20960	311.3	65	97	4.0	960
TC21080	350.2	73	109	4.5	1080
TC21200	389.1	81	122	5.0	1200
TC21440	466.9	97	146	6.0	1440
TC21580	512.0	107	160	6.6	1580
TC21790	580.1	121	181	7.5	1790
TC21930	626.8	131	196	8.0	1930
TC22090	678.4	141	212	8.7	2,090
TC22280	738.8	154	231	9.5	2280
TC22420	783.3	163	245	10.1	2420
TC22630	851.8	177	266	11.0	2,630
TC22740	887.2	185	277	11.4	2740
TC22840	922.2	192	288	11.8	2,840



WARMZONE HEAT THERMOSTAT KIT

is a digital floor thermostat kit with cable floor sensor.
Call 888.488.9276 for specific details.



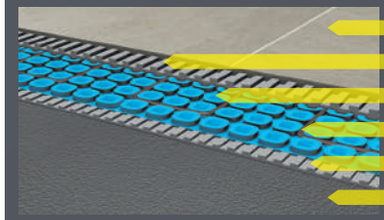
PRODESO® HEAT SYSTEM can be used as primary or secondary heat source in a variety of applications.

Commercial: Lobby / Reception / Conference Room / Office / Bathrooms / Restaurant / SPA / Pool Surroundings / Reception Hall.

Residential: Foyers / Kitchen / Bathroom / Shower / Living Room / Dining Room / Pools Surroundings /Basements /Home Theater / Man-Cave.

The applications are endless. Wherever heat and comfort are desired, **PRODESO® HEAT SYSTEM** is the solution.

LAYING'S SECTION OF PRODESO® HEAT SYSTEM



U.S. Patent No. 8,176,694

PROFILES & SYSTEMS

www.warmzone.com

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