



PRODESO® HEAT GRIP SYSTEM

INSTRUCTION
VIDEO



PATENTED

PATENTED

UA2016A002209
EP3225763 A1
003067388
2698795
CN 107268933 A
HK1238695
CA 2,935,062
US 9,726,383 B1
US, 10,502,434 B2
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US D818,615S
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US D818,617S
US D832,467S
US D841,837S
US D872,901S
US D874,028S
DESIGN PATENT
Patent pending

A New evolution

with the goal of flexibility, innovation and energy efficiency

The system is composed of three elements: PRODESO® HEAT GRIP MEMBRANE, PRODESO® HEAT GRIP CABLE e PRODESO® HEAT GRIP THERMOSTAT KIT. The polyethylene membrane with uncoupling, waterproofing and vapour management features has a 8,5 mm thickness and a thermowelded non-woven fabric on the back side, which guarantees the adhesion to the substrate.

The new membrane structure allows a perfect fixing of the

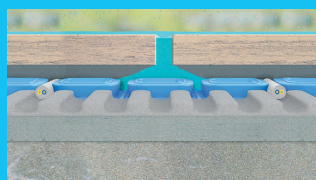
heating cable and a crack-bridging ability 5 times more than the PRODESO® HEAT. The cables of last generation are composed of many resistances, each one 60 cm long, in a parallel circuit. If the cable is damaged, only the broken resistance stops working but not the whole cable. The thermostat of last generation interfaces with Android and Apple devices, that is why it is possible to adjust all settings and time schedule using an application with internet connection as remote control.

functions

- Only 8.5 mm thickness
- Higher crack-bridging ability
- Uncoupling
- Waterproofing
- Vapour management ducts
- Load distribution
- New constant power cable
- Remote controlled thermost



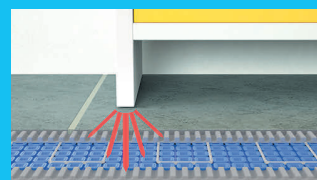
UNCOUPLING



WATERPROOFING



VAPOR AND MOISTURE
MANAGEMENT



LOAD DISTRIBUTION

PRODESO® HEAT GRIP MEMBRANE is an uncoupling membrane, waterproofing in polyethylene, equipped with reliefs that allow the attachment of the electric heating cable.

PRODESO® HEAT GRIP SYSTEM

PRODESO® HEAT GRIP MEMBRANE

Article	H Roll (m)	L Roll (m)	Thickness (mm)	Roll/Pallet			
PDES HG 131/E	1	13	8,5	6			
PDES HG 451/E	1	4,5	8,5	15			

It is a constant power electric heating cable to be embedded between the reliefs of PRODESO® HEAT GRIP MEMBRANE. The cable distance can be 6.2 or 9.3 cm

PRODESO® HEAT GRIP CABLE

PRODESO® HEAT GRIP CABLE

Article	Cable Length (m)	Heated surface on the WALL (6,2 cm)	Heated surface on the FLOOR (9,3 cm)	Total Power W	
PDHGCB 20	19,80	1,19 m²	2,00 m²	250 W	
PDHGCB 26	25,80	1,55 m²	2,50 m²	325 W	
PDHGCB 31	30,80	1,83 m²	3,00 m²	385 W	
PDHGCB 36	36,00	2,14 m²	3,50 m²	450 W	
PDHGCB 40	40,20	2,38 m²	4,00 m²	500 W	
PDHGCB 46	46,20	2,74 m²	4,50 m²	575 W	
PDHGCB 52	52,20	3,10 m²	5,00 m²	650 W	
PDHGCB 62	61,80	3,69 m²	6,00 m²	775 W	
PDHGCB 72	72,00	4,29 m²	7,00 m²	900 W	
PDHGCB 82	82,20	4,88 m²	8,00 m²	1025 W	
PDHGCB 94	94,20	5,60 m²	9,00 m²	1175 W	
PDHGCB 104	103,80	6,19 m²	10,00 m²	1300 W	
PDHGCB 132	132,00	7,86 m²	12,50 m²	1650 W	
PDHGCB 158	157,80	9,40 m²	15,00 m²	1975 W	

PRODESO® HEAT GRIP CABLE - 450 M

Article	Diameter (mm)	Length m	Power w/ml	Power supply V
PDHGCB450	6,5	450 M	12,5W	230 V

It is composed of a Wi-Fi digital thermostat, a flush-mounting box, corrugated pipe, two floor temperature sensors and clips to fix the cable.

PRODESO® HEAT GRIP THERMOSTAT

PRODESO® HEAT GRIP DIGITAL THERMOSTAT - TOUCH SCREEN - WI-FI

Article					
PDHTSMWT					
		PDHTSMWT 230	PDSOT	PDSHI	PDHCF 202

DIGITAL WIFI THERMOSTAT

Article		
PDHTSMWT 230		

PRODESO® HEAT GRIP SYSTEM OPTIONAL

ROLLER FOR CABLE INSTALLATION

Aluminum roller 15 cm long, facilitates and speeds up the insertion of the heating cables between the reliefs of the membranes PRODESO® HEAT e PRODESO® HEAT GRIP.

Article	L cm	Pc/Pack
PSC	15	1



PRODESO® HEAT GRIP CABLE KIT

Article	Lm shrink sheath	Cable Lugs Lm
PDHGCK110	1	10
PDHGCK550	5	50



PRODESO® HEAT CABLE CLIP

Plastic Clip to hold heating cable on PRODESO® HEAT MEMBRANE (40 mm x 5 mm)

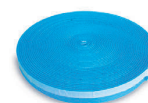
Article	Pcs/Pack
PCBLF	200



PROCOFON

Roll of closed-cell polyethylene with adhesive used as edging between the wall and screed or where there are expansion joints - Pack. 2 Pcs

Article	Thick. x H mm	Lm/Roll
PEF 550A	5 X 50	25



PRODESO® HEAT GRIP POWER CABLE

Article	Lm/Roll
PDHGCBF	2,5





PRODESO® HEAT SYSTEM

INSTRUCTION VIDEO



PATENTED



PATENTED

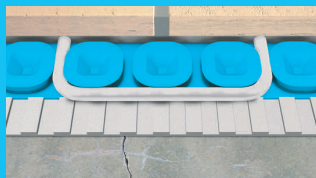
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US 9,719,265 B2
US 9,777,931 B2
US 10,107,505 B2
US 10,006,644 B2
US 10,215,423 B2
US 10,408,469 B2
US 10,712,020 B2
US 10,739,016 B2
Patents Pending

A World of warmth and comfort in respect with the nature.

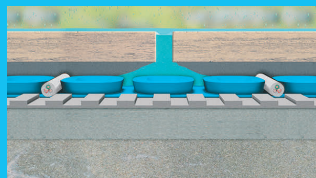
Progress Profiles innovative and patented PRODESO® HEAT SYSTEM for electrical walls and floors heating ensures pleasant warm and comfortable environment with short laying times and at low cost. The system can be used on all kinds of substrate thanks to the membrane uncoupling and waterproofing properties. Temperature and operating times can be controlled from a latest generation thermostat that also guarantees significant savings in energy costs. The system

is quick and easy to install in all conditions and has an overall thickness of only 5.5 mm, far thinner than any alternative system. It is also maintenance free over time. This smart, responsible technology supports the growing demand for sustainable solutions and energy saving while also satisfying the needs of contemporary architecture and evolved home automation. A world of natural, warm wellbeing.

Functions



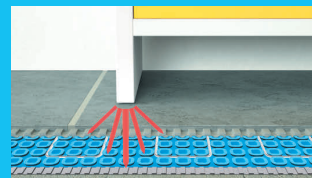
UNCOUPLING / CRACK ISOLATION



WATERPROOFING



VAPOR AND MOISTURE MANAGEMENT



LOAD DISTRIBUTION

PRODESO® HEAT MEMBRANE is an uncoupling membrane, waterproofing in polyethylene, equipped with reliefs that allow the attachment of the electric heating cable.

PRODESO® HEAT SYSTEM

L 4,5m

L 13m



PRODESO® HEAT MEMBRANE

Article	H Roll (m)	L Roll (m)	Thickness (mm)	Roll/Pallet			
PDESH 151/E	1	15	5,5	6			
PDESH 051/E	1	5	5,5	15			

it is a constant power electric heating cable to be embedded between the reliefs of PRODESO® HEAT MEMBRANE. The cable distance can be 6.2 or 9.3 cm

PRODESO® HEAT CABLE

PRODESO® HEAT CABLE

Article	Cable Length (m)	Heated surface on the WALL (6,2 cm)	Heated surface on the FLOOR (9,3 cm)	Total Power W	
PDHCB 12	12,07 ml	0,70 m²	1,1 m²	150	
PDHCB 17	17,66 ml	1,00 m²	1,6 m²	225	
PDHCB 23	23,77 ml	1,40 m²	2,2 m²	300	
PDHCB 29	29,87 ml	1,80 m²	2,7 m²	375	
PDHCB 35	35,97 ml	2,20 m²	3,3 m²	450	
PDHCB 41	41,56 ml	2,50 m²	3,8 m²	525	
PDHCB 47	47,67 ml	2,90 m²	4,4 m²	600	
PDHCB 53	53,77 ml	3,30 m²	5,0 m²	675	
PDHCB 59	59,87 ml	3,70 m²	5,5 m²	750	
PDHCB 71	71,57 ml	4,40 m²	6,6 m²	900	

PRODESO® HEAT CABLE - 450 M

Article	Diameter (mm)	Length ml	Power w/ml	Power supply V
PDHCB450	4,8	450 M	12,5W	230 V

It is composed by a digital or analogic programmable thermostat, flush-mounting box, corrugated pipe and two floor temperature sensors.

PRODESO® HEAT THERMOSTAT

PRODESO® HEAT GRIP DIGITAL THERMOSTAT - TOUCH SCREEN - WI-FI

Article					
PDHTSKT 230V		PDHSTMT 230	PDSOT	PDSHI	PDHCF 202

DIGITAL WIFI THERMOSTAT

Article	
PDHTSMT 230	



PRODESO® HEAT THERMOSTAT KIT - ANALOGIC

Article				
PDHTSK 230V		PDSOT	PDSHI	PDHCF 202

ANALOGIC THERMOSTAT

Article	
PDHTSM 230	



PRODESO® HEAT GRIP SYSTEM OPTIONAL

ROLLER FOR CABLE INSTALLATION

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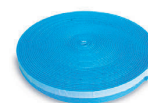
Article	L cm	Pc/Pack
PSC	15	1



PROECOFON

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Article	Thick. x H mm	Lm/Roll
PEF 550A	5 X 50	25



PRODESO® HEAT GRIP POWER CABLE

Article	Lm/Roll
PDHGCBF	2,5



PRODESO® HEAT CABLE CLIP

Plastic Clip to hold heating cable on PRODESO® HEAT MEMBRANE (40 mm x 5 mm)

Article	/Pack
PCBLF	200



PRODESO® HEAT KIT SYSTEM

Floor and wall electric heating system kit, composed of 3 pieces: **PRODESO® HEAT MEMBRANE**, **PRODESO® HEAT CABLE AND PRODESO® HEAT THERMOSTAT KIT**. The polyethylene membrane, with its uncoupling, waterproofing and vapour management properties, has a thickness of just 5.5 mm.



PRODESO® HEAT KIT SYSTEM

Wall and floor electric heating system

Article	m ² membrane	Cable	Power tot W	Thermostat kit	Wall heated surface (with a cable distance of 6,2 cm)	Floor heated surface (with a cable distance of 9,3 cm)
PDESHK 4	3,2	PDHCB 23	300	1	1,40	2,20
PDESHK 7	5,6	PDHCB 41	520	1	2,50	3,80
PDESHK 10	8,0	PDHCB 59	750	1	3,70	5,50

heating cable PDHCB included in the kit

PRODESO® HEAT THERMOSTAT KIT: digital touch screen thermostat, 2 temperature sensors, flush mounting box, flexible corrugated pipe.

