

# PLYTERM<sup>®</sup>

MODULAR ELECTRIC HEATING  
WHERE AND WHEN YOU NEED IT  
IN A SMART AND EFFICIENT WAY

## HOT PAD

[www.plyterm.com](http://www.plyterm.com)

Hot Pad: the stylish modular electric heating.  
No noise, no dust, discover the healthy and priceless heating floor feeling.  
High savings, focused heating.

01

## HOT PAD

Plyterm Technology offers Hot Pad. Made in Italy, patented, which consists of a modular underfloor heating with the right mix of efficiency, elegance and innovation.

02

## SPECIFICATIONS

Width:	cm 52
Thickness:	cm 3,4
Length:	cm 126
Power Supply:	AC V 220-240
Maximum Power* <sup>1</sup> :	W 95
	W 180
Maximum. Power for sqm* <sup>1</sup> :	W/sqm 150
	W/sqm 300

Inner Heating element approval:



Panel approval:



03

## PANEL SURFACE\*<sup>2</sup>

The finishing surface is in laminate AC5. This grade certification ensures high resistance to scratches and wear over time. Various standard finishes available.

04

## HIGH $\Delta T$ \*<sup>3</sup>

The panel surface reaches  $\Delta T$  of about  $25 \pm 5$  °C compared to the floor temperature of the same unheated room.

\*<sup>1</sup> The power indicated is the maximum rated power if the module is connected to the power supply without any control device (SEE LAST PAGE).

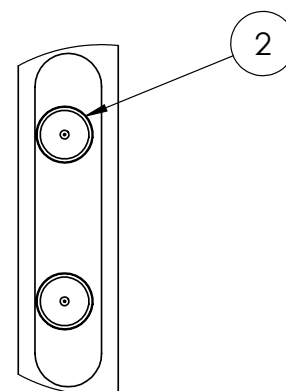
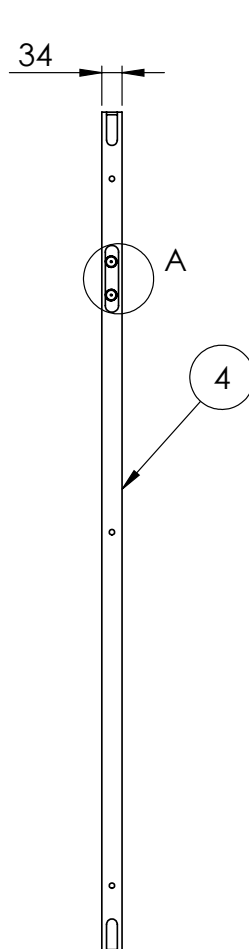
\*<sup>2</sup> Reaching higher permissible temperatures of the module, natural expansions of the material occur naturally, which fall as soon as the material returns to suitable T.

\*<sup>3</sup> Values valid for room T. not lower than 3 °C. Below this T. the module's DeltaT range may drop.



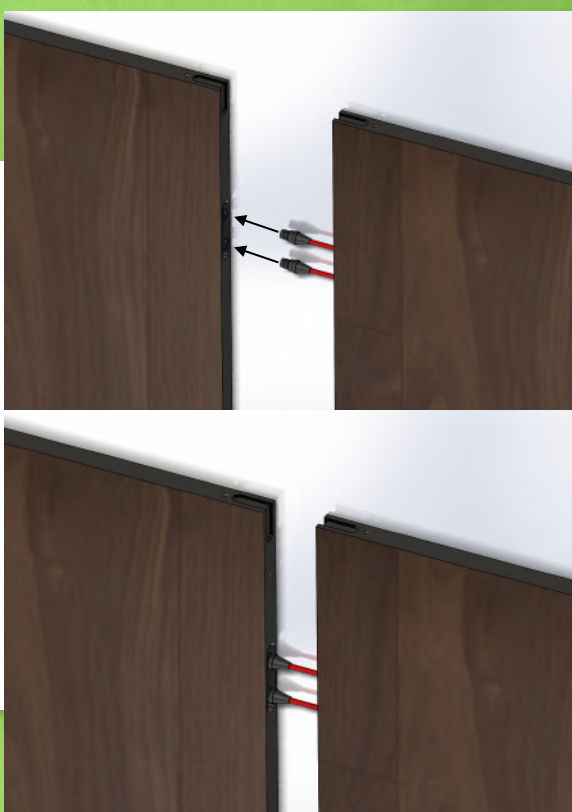


# DIMENSION – COMPOSITION – SEQUENCE OF HOOKING



SCALE 1:2

Num. articolo	Num. parte
1	Laminate AC5
2	Male faston
3	Female faston
4	Back



It is possible to connect the panels modularly also on the short side, to create the heated platform that best suits your needs.

# DETAILED INSTALLATION

The hot pad modules can cover any type of internal surface, suitable for both new and historic buildings. Available in various finishes and power output. Below the installation and hooking sequence.

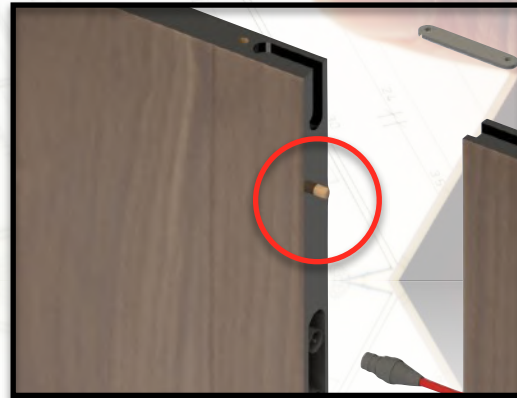
**STARTER** (Are the first panels of the thread connected to the 220Vac power supply):



Bring the 2 panels together and hook:

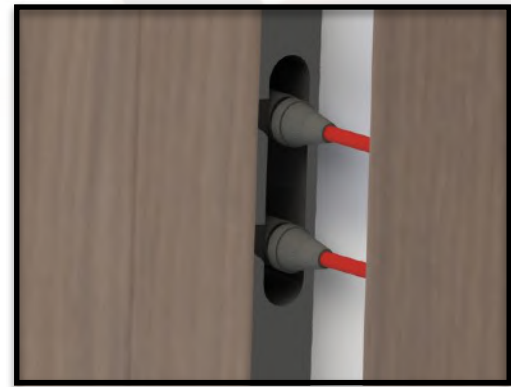


Insert the plugs supplied in the appropriate holes in one side of the two panels:



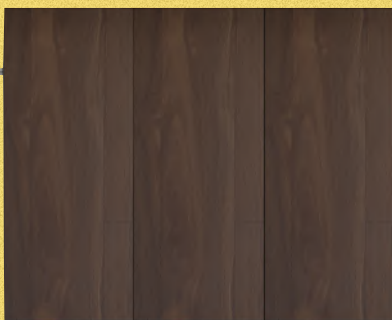
Insert the male connectors in the female connectors with good pressure, making sure they are inserted correctly.

Now, just push one panel towards the other until the gap between the 2 panels is almost zero and screw the steel plate inside the appropriate slot:

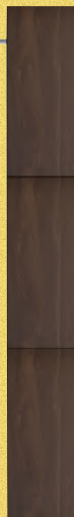


## COMPOSITION EXAMPLES

On the long side:



On the short side:



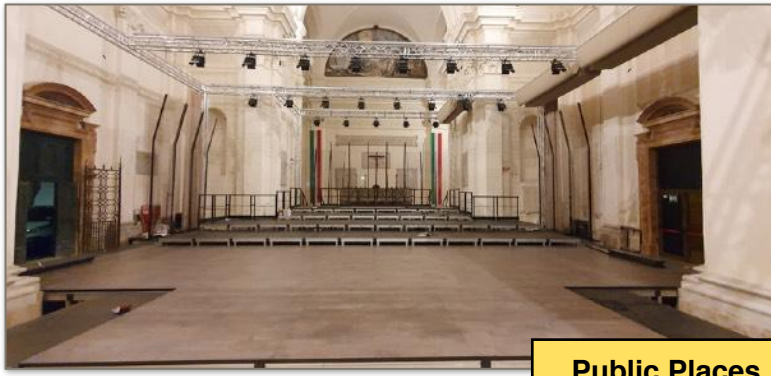
L-Shaped:



Multiple:







**Public Places**



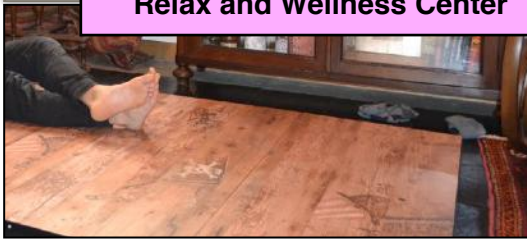
**Industry**

**Hot Pad suitable for:**

**Office**



**Relax and Wellness Center**



**Meeting rooms**



**Churches**



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**And many more...endless applications!**





## CONTROLS AND CONSUMES



The applied system management determines consumption.  
We can however indicate the consumption at maximum output.  
Maximum power of each panel: 95W – 180 W

So:

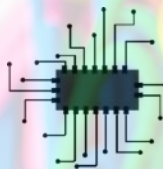
Pn:95W  
working time 1hour – consumption 0,095kWh  
working time 8hour – consumption 0,76kWh

Pn:180W  
working time 1hour – consumption 0,18kWh  
working time 8hour – consumption 1,44kWh

Where Plyterm panels are installed, it is therefore easy to predict consumption and costs by multiplying the hours of use, the number of modules used, and the price of electricity.  
It is also evident that the difference in operating costs between the Plyterm heating island system (localized heating) and a traditional heating system in which it is necessary to bring a large amount of heat, which goes to heat the entire volume of the building, it's huge. And it's different

### POWER MANAGMENT CONTROL UNIT

For the management of apartments, houses, multi-offices, those control units allow you to adapt the consumption of the heating system on both the "building insulation class" and the power limits of the electric counter. The system is easily programmable and defines Plyterm technology in a complete way, making the system modular and suitable for any situation.



## ACCESSORIES



Plyterm technology can be managed with any regulation system on the market: Chronothermostat, dimmer, ecc.

If you want a complete supply of management and control, we offer:

### INTELLITOUCH CH193 WIFI:

Electronic programmable thermostat with white backlight LCD touch screen  
Weekly program to control the room and floor heating temperature.

WiFi connection for remote control through APP Intellilima+ for Smartphone and Tablet.



### RELAY:

Capable of activating or deactivating electric loads for a high number of cycles during short periods of time.  
Talk together with power management control units.



**DIMMER 300W PLUG-IN:**  
Able to control one single panel.

## EN TECH



Download and open an app of your choice that reads qrcode (e.g. QRReader) and points to the side.



Our modules are covered by  
PATENT N ° 0000282718



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PLYTERM®

THE SMARTEST WAY TO HEAT