

# Installation Instructions for **UPM ProFi® Heating Cable**

These instructions only apply when the heating cable is used with UPM ProFi Deck 150



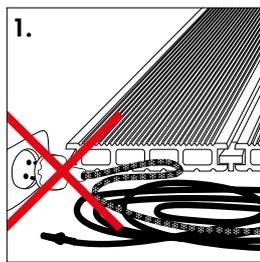
UPM ProFi Heating Cable keeps the deck surface free from ice and snow during wintertime. It is for insertion into the hollow chambers of UPM ProFi Deck 150 decking boards and can be inserted even if the decking boards have already been installed. As a plug and play solution only a nearby socket is needed. The thermostat included within the cable is automatically switched on and off subject to outside temperature.

#### Notes:

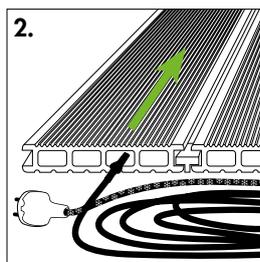
- The UPM ProFi Heating Cable must be installed at air temperatures  $\geq 5$  °C. If the cable is installed when the temperature is below 5 °C there is a danger of cracking the outer sheath when bending the cable. The outer sheath is made from PVC which can become brittle at low temperatures. Once installed cracking is no longer an issue.
- In temperatures between 0 °C and -5 °C the heating cable works as a total cleaning system to keep the deck free from ice and snow.
- In temperatures below -5 °C the heating cable will work to help the deck remain free from ice and snow. Larger amounts of snow on the deck surface must be swept away with a broom. Thick layers of ice will melt slowly from the part directly on top of the deck. This will help to weaken the ice which can then be broken into pieces and swept away using a plastic snow shovel in order to avoid scratching of the deck surface.
- The heating cable is meant to be inserted into the hollow chambers of the deck boards once and to stay there for its whole lifetime. It should not be installed, removed and reinstalled during its lifetime.
- During installation the cable and thermostat might be slightly scratched. This has no influence on their functionality and will not be visible, when installed.



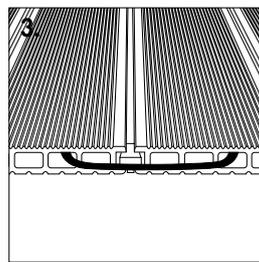
## 1. General Installation



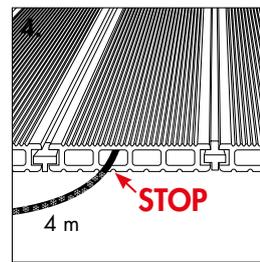
**CAUTION!** Do not connect the plug during installation.



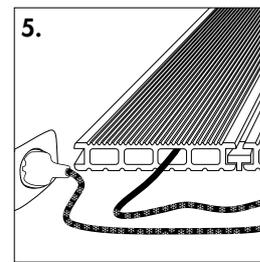
Insert the thermostat end of the heating cable into one of the centre hollow chambers of the UPM ProFi Deck 150 boards and push it through until it appears out at the other end.



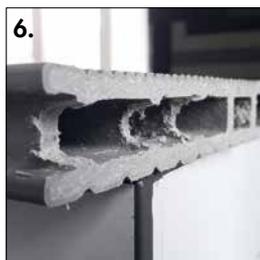
Thread the thermostat end of the heating cable back through the corresponding hollow chamber of the next deck board. When done leave the thermostat end inside the deck board.



Do not insert the 4 meter long unheated part of the cable (marked with snowflakes) inside boards.



Plug into a socket after finalizing the installation. The heating cable will switch on/off automatically depending on temperatures.



## 2. Installation with UPM ProFi Rail Step as deck edging

If the UPM ProFi Rail Step has already been installed to the edge of the deck then take care to remove it. Insert the UPM ProFi Heating Cable into the deck boards as described in section 1.

Once the cable has been inserted then fix or refix the UPM ProFi Rail Step edging as usual. The groove in the edge of Rail Step will visually hide the heating cable.



## 3. Installation with UPM ProFi Cover Strip as deck edging

If the UPM ProFi Cover Strip has already been installed to the edge of the deck then take care to remove it. Using a drill remove 10 mm of the inner walls of the deck boards (see picture 6) to allow the heating cable to sit flush within the deck board (see picture 7) (remove the walls only where they meet the cable). Insert the UPM ProFi Heating Cable as in section 1 and fix the deck boards by using a T-Clip Large, screwed through the outer hole (see picture 8).

Then fix or refix the UPM ProFi Cover Strip as usual. The cover strip will visually hide the heating cable.

If T-Clip Small is used, it needs to be shortened by 5 mm before fixing (see pictures 9–11).



## 4. Installation with UPM ProFi End Caps

Install the heating cable before inserting the UPM ProFi End Caps.

Shorten the inner walls of the deck boards with a drill by 25 mm as above (see picture 6) (remove the walls only where they meet the cable).

Insert the UPM ProFi Heating Cable and fix the deck boards by using a T-Clip Large, screwed through the outer hole. The heating cable will then be lying on top of the T-Clip (see picture 12). Then insert the End Caps as usual (see picture 13). Please check you have removed sufficient depth of the walls of the deck boards to ensure the end caps will fit flush to the deck boards before inserting the caps. Once they are installed they cannot be removed.

If T-Clip Small is used, it needs to be shortened by 5 mm before fixing (see pictures 9 and 10).

