

Pro-mat

Manual: Installing Foil Underfloor Heating

Follow these steps to correctly install your foil underfloor heating for optimal performance.

1. Plan and Design

- Determine which rooms you want to heat and where to place the thermostat.
- Check that you have the correct dimensions and specifications of the heating foil for each room.

2. Floor Preparation

- Clean the floor and ensure it is flat and free of irregularities.
- Remove old flooring if necessary.

3. Lay Subfloor/Insulation Material

- Install a suitable insulation layer to limit heat loss downward.
- The subfloor should also be at least 1.5 mm level to guarantee a stable and flat base.
- We standardly use a 7 mm thick subfloor, which is always applied under this flooring system.
- For example, use an insulating underlay or a special insulation foil suitable for underfloor heating that is sufficiently leveling.

4. Install the Heating Foil

- Roll out the heating foil according to the manufacturer's instructions.
- Ensure the foil lies flat and does not overlap to prevent overheating.

5. Electrical Connection

- Connect the heating foil to the electrical network according to the regulations.
- Have a qualified electrician perform the connection due to the electrical wiring.

6. Test the System


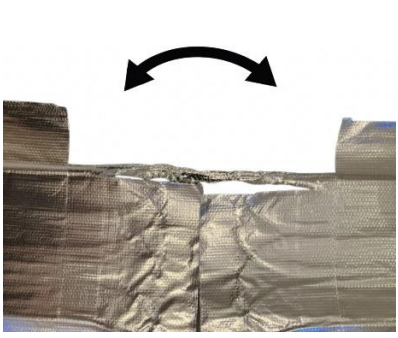

- Test the heating system before laying the final floor covering.
- Check the resistance of the foil and measure the voltage with a multimeter according to the manufacturer's instructions.

7. Lay Floor Covering

- After a successful test, you can install the floor covering (e.g., laminate, carpet, vinyl, or click PVC).
- Ensure the floor covering is suitable for underfloor heating and follow the manufacturer's installation instructions.
- Note: In some cases, it may be necessary to use a heat-conductive underlay before installing the final floor covering.

Follow these steps carefully to ensure a properly functioning and efficient underfloor heating system.

Practical examples of installation of underfloor heating foil.

		
Openknippen – Knip de vloerverwarmingsfolie netjes in zoals hierboven aangegeven.	Omvouwen – Vouw de folie om zodat deze in de juiste richting gelegd kan worden.	Dichtplakken – Plak de naad zorgvuldig dicht met aluminiumfolietape voor een stevige afwerking.

Result: underfloor heating installed, ready to be finished with laminate.

