

# Installation instructions

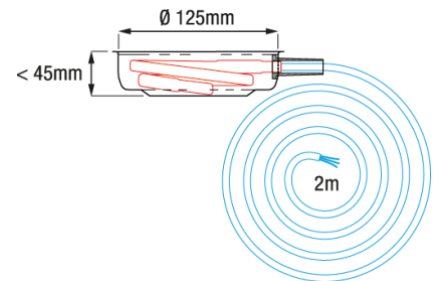
## Roof drain heating element

The self-adjusting thermocable (230V/16W or 230V/32W) is suited for all roof drain types. According to the order, the connection cable for the thermocable has a length of 2 m, 3 m, 5 m, 10 m, 15 m, 20 m or 25 m. The size of the thermocable cup is determined according to the diameter of the roof drain's outlet.



**Please read the installation instructions carefully before starting installation. Save the installation instructions for later use.**

1. A protective plastic sleeve is placed, i.e. the strain relief, inside the hole on the side of the thermocable cup.
2. The connection cable of thermocable is ran (standard length 2 m) through the plastic sleeve from the inside. The connection between the thermocable and connection cable is located at the plastic sleeve.
3. The thermocable is wind into a loop inside the protective cup.
4. Protective cup is pushed against the bottom of the roof drain while running it along the outlet in the drain.
5. In order to ensure that the cup remains in place, it is pushed at 3–4 locations along the joint of the outlet and cup, creating indentations.



**When installing the roof drain and connecting it to the waterproofing, ensure that the inside temperature of the thermocable protective cup does not exceed +80°C**

The thermocable or connection cable must not be cast in concrete.

The connection cable for the heating element must be long enough to reach the mounting box without the use of extensions. Extension wires or unusual connections may cause problems that will prevent checking the functionality of the product after installation. The mounting box that the thermocable is connected to must be accessible even after the completion of the other structures.

An electrical contractor connects the thermocable to the electrical network. And an appropriate measurement protocol must be prepared for the connection before continuing the installation of the other roof structures. Any shortcomings or faults observed must be recorded in the measurement protocol and in any other documents that may be necessary with a view to the other requirements for the location, and added as an appendix to the measurement protocol. The installation of the roof structures may continue once the said recorded shortcomings or faults have been appropriately repaired by the electrical contractor and a measurement protocol has been drawn up, or, in cases where the thermocable has been permanently damaged, a new thermocable has been ordered and installed and the entries have been made in accordance with the installation instructions. The measurement protocol, including the date of the measurement, is enclosed with the site's electrical documentation, which Peltitarvike Oy can later use to determine that the thermocable was functional following the installation and connection. Following this, Peltitarvike Oy is not liable for any faults or damage caused to the roof drain or thermocable due to the installation of the roof structures. The electrical contractor is responsible for the records and repairs mentioned here in above.

Prior to installation, the roof drain and its accessories must be stored in their packaging, in a dry and ventilated space and well protected in order to prevent defects caused by impurities and moisture. The roof drain may only be removed from these storage conditions immediately prior to installation.

We install thermocables in our drain products before they are delivered to the customer.

*Updated 3 March 2025*