



Nordic floorheating panels

New floor heating panels from NORDIC.

- quick response time, fast installation, significant energy savings.

In recent years, the development in floor heating has seen a shift from heating coils cast in concrete to light floor heating panels that distribute heat quickly. This helps reduce energy consumption and offers the consumer smaller heating costs.

The new floor heating panels from NORDIC can regulate the floor heating temperature in just 30 minutes. This saves energy, while they are also easy, fast and cheaper to install.

Developed by Nordic universities

The new floor heating panels from NORDIC have been developed in close cooperation with the technical universities. The team was tasked with developing the perfect floor heating system, both in terms of energy consumption and installation. Therefore, the new range of heating panels has been designed to regulate the temperature quickly – allowing lowering of the temperature at night and continuous adjustment, resulting in much lower heating costs. The principle behind the development work is that the heating coils are placed close to the new floor, with a smaller distance between the heating coils and a smaller pipe dimension than before.

Response time of just 30 minutes

Old floor heating systems based on heat pipes cast in concrete often have a response time of 24 hours. The new NORDIC systems cut that response time to just 30 minutes. Therefore, a room thermostat can easily regulate heat use continuously – e.g. when, during the day, the sun offers natural heating. Or when there are a lot of people in the room. The thermostat can regulate heat consumption continuously, saving the consumer heating costs and providing a much better indoor climate.

One panel does it all

NORDIC's new floor heating panel features aluminium heat distribution across the entire panel, as well as a return groove integrated in all panels. Thus, you now only need one type of panel during the work. The panels are suitable for heating coils in the dimensions 10, 12, 16 mm. They measure 120x60 cm (0.72 m²), are delivered in a folded, handy dimension of 60 x 60 cm and weigh less than 1 kg. All this helps make installation easier and faster than before.

Can be used for all floor types

NORDIC floor heating panels are produced in XPS 350, which has a high compressive strength of 35 t/m. Therefore, you can install all kinds of floors immediately on top of the heating plates: tiles, natural stone, parquet and laminate flooring. Herringbone parquet glued to a floor panel, wall-to-wall carpeting or a completely smooth vinyl coating – even the thin concrete can be cast out as a raw and fashionable "New York" floor.

Extra thin version for renovations

For renovation tasks in older homes, the height is often a significant challenge. For these tasks, NORDIC floor heating panels come in a special variety, just 3 mm thicker than the heating coil – i.e. 15 mm in height for 12 mm heating coils and just 19 mm in height for 16 mm heating coils. The standard thickness is 25 mm.

Suitable for all forms of energy, including low energy

Unique to NORDIC is the floor heating panels' ability to utilise heat from low energy systems such as geothermal, solar and heat pump systems, where the flow temperature can be kept as low as 33-40 degrees, versus 50-60 degrees in traditional radiator systems.

The fast response time increases comfort while minimising energy consumption.

