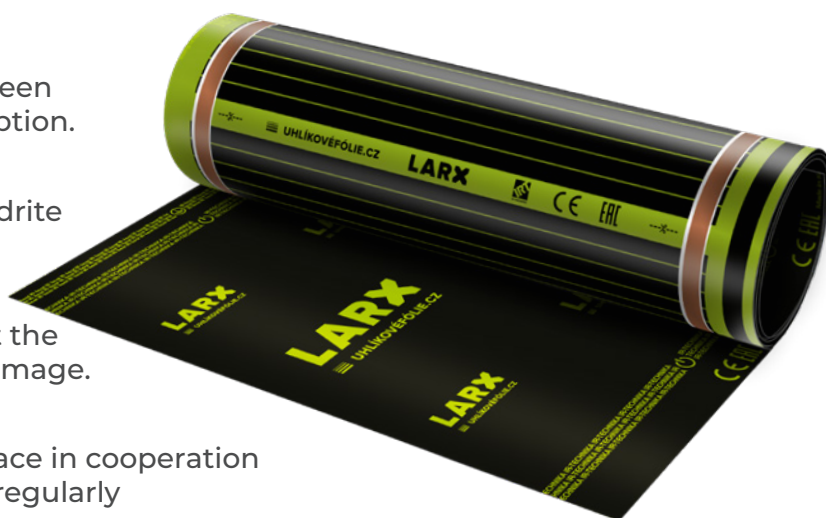


# LARX carbon foil with grounding

## LARX-GF150W050S

### DESCRIPTION AND KEY FEATURES

- › **Safety first**  
Integrated grounding with a yellow-green wire allows use in humid environments.
- › **Balanced power**  
150 W/m<sup>2</sup> provides an ideal ratio between thermal comfort and energy consumption.
- › **Wide installation options**  
Suitable for underlayment, tiles, anhydrite or under system boards.
- › **Thin, durable construction**  
The 0.4 mm thick foil is flexible and at the same time resistant to mechanical damage.
- › **Made in South Korea**  
Development and production take place in cooperation with Korean partners, whom we visit regularly
- › Available in a width of 50 cm



### TECHNICAL DESCRIPTION

#### Technical parameters of LARX carbon foil

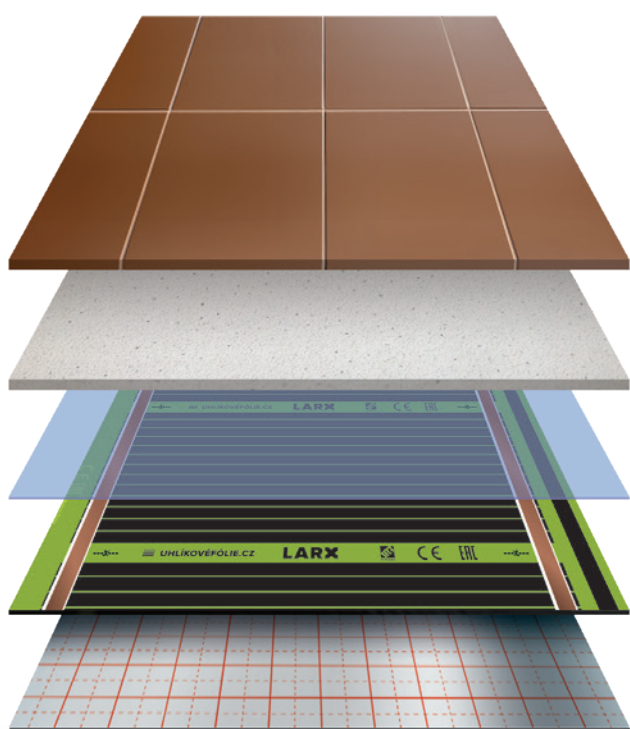
|                            |                      |
|----------------------------|----------------------|
| Product marking            | LARX-GF150W050S      |
| Voltage                    | 230 V                |
| Power                      | 150 W/m <sup>2</sup> |
| Foil thickness             | 0,7 mm               |
| Electrical resistance      | 705 Ω/m              |
| Foil width                 | 50 cm                |
| Foil winding               | 50 m                 |
| Efficiency                 | 99 %                 |
| Max. operating temperature | 45 °C                |
| Max. design temperature    | 60 °C                |

## USAGE

- › Direct heating
- › Installation under tiles, in anhydrite, concrete
- › Especially for humid environments (bathrooms)
- › Intended for interior use only

## RECOMMENDED FLOOR COMPOSITION

Application under the screed or floorboards



1

Any flooring / tiles  
(certified for floor heating)

2

Anhydrite / concrete / floorboards

3

PE film 0,2 mm

4

**LARX resistant carbon foil**

5

Reflective separation foil

## SAFETY INSTRUCTIONS

The installation and operation of the system must always be in accordance with the applicable local safety instructions and ČSN and EN standards and in accordance with the related decrees and implementing regulations. The instructions and documents of LARX UHLÍKOVÉFÓLIE.CZ are binding for the installation and operation of the system. Any other use of carbon foils / heating system is prohibited. The manufacturer or supplier is not responsible for damage caused by improper handling, installation and interference with the structure of the carbon foil.

Technical questions

**Bc. Ondřej Levý**

+420 725 140 142 | [levy@carbon-film.com](mailto:levy@carbon-film.com)