

# LARX carbon foil LARX-CF180W050S

Special solutions for demanding applications

## DESCRIPTION AND KEY FEATURES

- + New generation of durable carbon foil with advanced construction and lamination
- + High mechanical resistance and durability double lamination for moisture resistance
- + Resistant to thermal stress
- + Minimum thickness for negligible increase in floor construction height
- + Possibility of soldered or snap connectors
- + Direct heating, semi-accumulation and accumulation heating in residential and industrial construction
- + Extremely fast start-up and regulation
- + Suitable for passive, low-energy and other buildings
- + Suitable for new buildings and reconstructions
- + Can be used as the main and additional heat source



## TECHNICAL DESCRIPTION

Technical parameters of LARX carbon foil

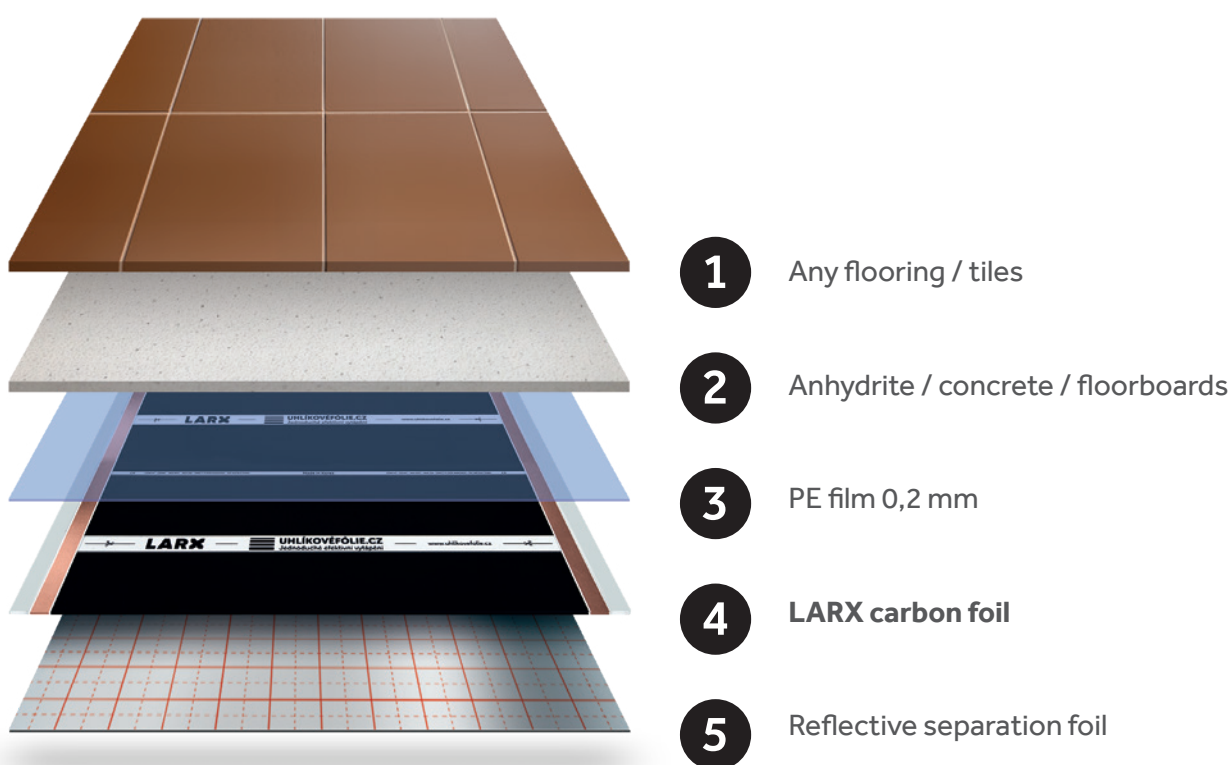
Product marking	LARX-CF180W050S
Voltage	230 V
Power	180 W/m <sup>2</sup>
Foil thickness	0,4 mm
Electrical resistance	588 Ω/m
Foil width	50 cm
Foil winding	100 m
Efficiency	99 %
Max. operating temperature	40 °C
Max. design temperature	60 °C

## USAGE

- + Direct heating, semi-accumulation and accumulation heating
- + Dry installation
- + Possibility of installing a grounding network (PE)
- + Use also in damp areas
- + Intended for interior use only

## RECOMMENDED FLOOR COMPOSITION

Application under the screed or floorboards



## 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.