



**HEATING
PLATFORM SLIM
WITH LAMINATE
FINISHING**

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APPLICATION AREA

Radiant heating system, extremely thin (0,80 mm - 0.31 in) and light (2,50 kg/m² - 0.51 lb/ft²), due to its practical installation, make comfortable in a short time areas difficult to heat in normal conditions, because of their structure and/or height. The dispersion downwards is minimal.

NO HARMFULL ELECTROMAGNETIC EMISSIONS

OPERATIONAL FEATURES

Modular heating platform is installed on the floor and is covered, successively, by laminate floating floor. Independent heaters are divided in autonomous heating sectors managed by electronic controller. In order to avoid unpleasant cold air convectional movement it is recommended that heated surface should represent not less than 70% of the entire surface.

CARBON FIBER

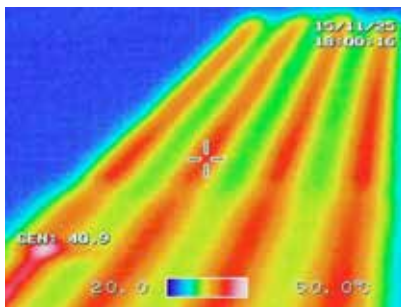
Carbon fiber is flexible, does not oxidize, does not produce harmful electromagnetic fields during electricity flow, has no dimensional variations as the temperature changes nor deterioration of ohmic values. No wearing and no maintenance required. Its high resistivity permits significant energy savings



ENTIRE THICKNESS INCLUDING LAMINATE (1,80 mm/0.63 in)



HEATER



TERMOGRAPHY



PLATFORM STRATIGRAPHY

DRAWING

Power and power cord output are made on demand.

STRATIFICATION

Stratification starting with outside layer:

- PU layer with reflecting layer.
- Aluminium sheet 50 µm.
- Carbon Fiber resistors with thickness compensation elements, 3,00 mm thickness.
- Aluminium sheet 50 µm.
- Thermal insulating layer, 5mm thickness.
- Nylon vapor barrier.

TEMPERATURE CONTROL

Each heater is supplied individually and is equipped with NTC temperature probe: activation and deactivation are automatized by aim of electronic controller (T705).

MODEL	POWER SUPPLY	POWER	PROTECTION DEGREE	TEMPERATURE CONTROL	POWER CABLE	DIMENSIONS
STLA.X	230 Vac 50/60 Hz	200-250W/m ²	IP67 RF 1 st Class	T705 electronic contr. NTC10K probe (see accessories)	H07 RNF 3G power cable	Platform sizes from 15,00 m ² /161.46 ft ² thickness 0,80 mm/0.31 in

CONFORMITY



This product is manufactured in conformity with the electrical safety standards set by Low Voltage Directive 2014/35/EU. This product is in conformity with Electromagnetic Compatibility Directive 2014/30/EU, concerning the standards for electromagnetic emissions.