

FLOOR CARBON FIBER ELECTRO HEATING SYSTEM

In floor heating spreads the heat by radiation, so widespread, the convective motions are absent, and require ambient temperatures lower than all other systems. The system of floor heating and wall has been designed to meet several requirements for new buildings and renovations, both in civil and marine engineering. Due to its versatility is applicable in any situation: homes, yachts, offices, laboratories, gymnasiums, schools, churches, museums, outdoor areas and pathways. Using the technology of carbon fiber, has been designed a network system consisting of heating resistors in carbon fiber. This system has a thickness of only 4 mm and can therefore be installed in new or refurbished buildings occupying an area of much less than any other system.

All systems are designed for floor thermostats to be adjusted with a personalized and intelligent. The cost of the installation, its ease of installation and use, the total lack of maintenance, are the strengths of the system.

Technical Specification

- Glass fiber mesh with carbon fiber
- Power Dimensions on request: 100W/mq indoor
- outdoor 150W/mq
- Current supply 24/48V DC, 110/220V AC
- thickness: 4mm
- Size: standard or on project

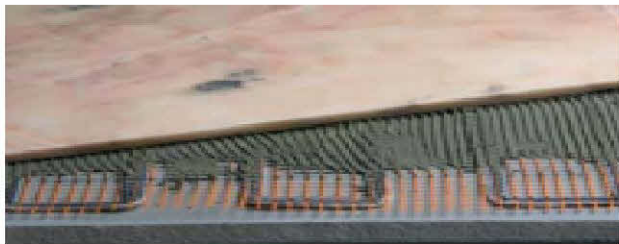
Installation

Floor preparation with primer to host the polyurethane resin thermal insulation thickness of 10mm.

Drafting of the grid in the floor and glue epoxy-polyurethane.

Bonding of the tile. Electrical connection.

The temperature adjustment can be made through probe drowning in glue or through the use of a simple thermostat.



Preparation of the floor with thermo-insulating leveling resin



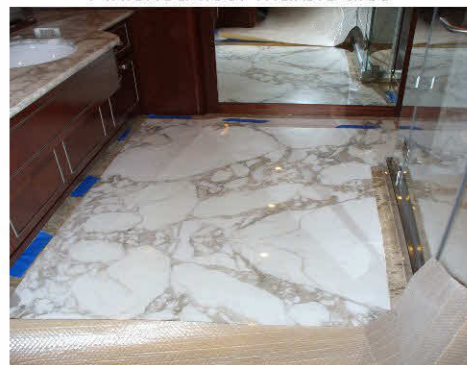
Floor-leveling polyurethane insulation ready to host the heating net



Net heater glued to the floor with thermal conductive glue ready to host the tile



Finished floor marble tiles



[Details on www.cappato.net](http://www.cappato.net)



Kto Supply Sas

Via XX settembre 20/52 – IT 16121 – Genoa
Ph. +39 010 565268 – Fax. +39 010 542831
info@cappato.net - www.cappato.net



The mark of conformity confirms that the equipment complies with European Economic Area (EEA Directives)