



**SNOW
MELTING MESH
FOR THE ROOFS**

SNOW MELTING MESH FOR THE ROOFS



CHARACTERISTICS

After abundant snowfall, it is often accumulating potentially dangerous snow deposits on the roof, in proximity of the gutter lines. Snow melting mesh heats a lane of 75 cm of the roof, melting ice and snow.

NO HARMFUL ELECTROMAGNETIC EMISSIONS

FUNCTIONAL CHARACTERISTICS

Mesh application is simple and fast. The mesh can be of the same length as the gutter. The system will be enabled during snowfalls or even if snow has accumulated, already. By means of IP68 connectors several modules can be linked together. For a better esthetic integration the mesh can be delivered colored with water resistant and UV stable products.

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 or deterioration of ohmic values. No wearing and no maintenance necessary. Its high resistivity permits significant energy savings.



FIXING ON THE ROOF BY MEANS OF SPECIAL SILICONE



HOOKING USING A ZIP TIE ON A SNOW BARRIER



SNOW MELTING MESH



ENGAGEMENT CABLE CONNECTOR

COMPOSITION

Carbon fiber heating cables insulated with polyolefin, reinforced with tinned copper coated PVC, coated by a black polyester band and fixed on fiberglass reinforced mesh of 28x28 mm, 340gr/m².

TEMPERATURE CONTROL

Temperature control is not integrated, system enabling and disabling can be automatized using a controller with temperature/humidity probes, which must be placed in proximity of the heated roof.

MODEL	POWER SUPPLY	POWER	PROTECTION DEGREE	TEMPERATURE CONTROL	CABLES AND CONNECTORS	DIMENSIONS
PVRT	230 Vac 50/60 Hz max 8A	160W/m ²	IP68	through electronic control (see accessories)	FG7 power cord of 6.00 m length and IP68 connector. IP68 connectors are inserted in a polyester band, siliconized inside.	on demand

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.