

# SAN Quick-guide for heating cables

Job	Frost protection	Pipe- and tank heating	Pipe- and tank heating	Pipe- and tank heating	Process plant	Process plant laboratory
Operating temp. °C	+5°C	70°C	10-120°C	120-200°C	200-450°C	450-800°C
Heating cable:						
Plastic cable	X	X				
Selfregulating	X	X	X			
Parallel	X	X	X			
Silicone	X	X	X			
PTFE (teflon)			X	X		
Glass silk					X	
Refrasil						X
Mineral insulated					X	X

**Applications:**

The SAN floor heating cable can be mounted in all rooms, bathrooms, halls, kitchens etc.

The programme consists of the following types:

- A. Heating cable net
- B. The stronger EL-MIX cable

A. The SAN Thermo-net is designed for renovation of heating in e.g. bathroom floors. The ultra thin heating cable is mounted on a net for fast and unproblematic mounting. Available in 2 versions.

B. The SAN EL-MIX is a stronger heating cable e.g. casted into platforms, concrete floors, pavements, green houses, cold stores etc. The power is from 10-25W/m.

Always remember to thermostat adjust the heating cable. Each room must have its own thermostat. Use e.g. the electronic thermostat type SAN-REG 23 for buiding-in or for wall mounting.

Closely follow the mounting manual, which follows the cable.

Power requirement:

As a general rule the following power can be stated:

60W/m <sup>2</sup>	Comfort heating in normally insulated rooms
90W/m <sup>2</sup>	Full room heating in normally insulated rooms
120W/m <sup>2</sup>	In badly insulated rooms, e.g. comfort heating in patios.
75-100W/m <sup>2</sup>	Green houses
200-350W/m <sup>2</sup>	Ramps/garages

