



The MAGNUM Mat is a unique type of floor heating mat. The system has been designed to be used on an existing tiled floor or an existing finished floor, so that floor heating can still be installed there. The mat is approximately 4 mm thick and can be included in a layer of adhesive without any demolishing or grinding. The mat fits virtually underneath the surface. This decreases the heating up time of the floor, that also makes this system suitable for rooms that are not permanently occupied including bathrooms, studies, playrooms, etc.

The advanced thermostat takes account of the required warming up period, so that your floor is always at the right temperature when you want it.

MAGNUM Mat is available in 22 different surface area sizes from 0.75 to 25 m<sup>2</sup>. Because the heating cable connects through at the ends on the mat, the power supply cable is only on one side and invisibly secured by way of a unique connection. This means that a return to the thermostat is not required.

### Supplied as a complete set and contains

- Heating mat
- Flexible tube for floor sensor
- Installation instructions & Check/Inspect card

### Certification

The MAGNUM Mat is VDE approved. VDE is one of the largest technical and scientific inspection body in Europe.

### Guarantee

MAGNUM Mat has a life-long guarantee covering the electromechanical operation of the heating mat and two years covering the thermostat and the floor sensor.

- EMC-free 2-conductor cable fitted to fibre-optic net
- 2.5 meter 3-core supply cable
- Fully encased in an aluminium earthed sheath
- Unique blind connection between the heating and the connection cable
- Chrome/Nickel resistance wire
- PTFE (Teflon) insulation
- PVC protective sheath
- 10 -11 watt per meter resistance wire, 230 Volt
- Cable diameter approximately 4 mm
- Mat widths of 25 or 50 cm
- Complies with current NEN standards for installation in completely wet rooms

### Installation method

- Directly into the tile adhesive
- Self-equalising pouring mortar
- In plaster or mortar

