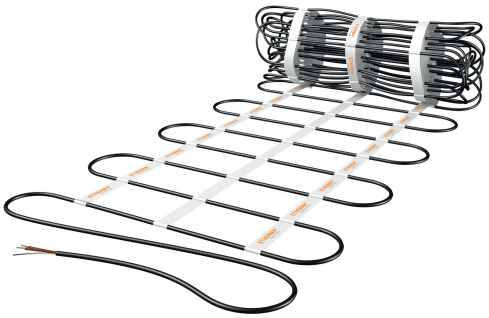
# DATASHEET.

**Product name**
243-BRGS-95-420
**Item number**
39603
**Manufacturer**
ETHERMA



**Product description**

Open space heating for concrete/asphalt 3.99m² 0.95x4.2m 968W 400V

The BRS heating mat is used to keep parking garage entrance ramps, emergency access roads and entrance areas free of snow and ice. The heating mat is ideal for installation in concrete screed, flow concrete, monolithic concrete, cast-in-place concrete and even in 3 cm protective concrete, as well as for installation in rolled asphalt. Due to their robust, impact-resistant design, the BRS heating mats can be used in zones of increased mechanical stress. The heat-sealing band is resistant to spherical acids and alkalis. The special processing, as well as the single connection line, simplify the installation of the heating mats. TIP: We are happy to produce your connection cable to measure. Nominal temperature: up to 105 °C, system design: according to EN60335, CE conform, protection class: IP X7, outer diameter: 7 mm, connection cable: 10 m, 3x1.5 (2.5) mm², min. Bending radius: 5 d, min. installation temperature: -5 °C, temperature resistance of the heating conductor: 180 °C/45 min, protective measure: RCD protection circuit of 30 mA.

**Technische Details**

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|---|---|---|---|---|
| **Application** | Floor direct heater | **Connection voltage** | 400 | Volt |
| **With support mat** | No | **Connected load** | 968\|968 | Watt |
| **Fixation thermal conductor** | Glued on | **Power** | 240 | Watt per square metre |
| **Suitable for humid rooms** | Yes | **Heating conductor load** | 30 | Watt per metre |
| **Suitable as outdoor surface heating** | Yes | **Number of cold conductors** | 1 | |
| **Suitable as roof surface heating** | No | **Length of cold conductors** | 10000 | Millimetre |
| **With controller** | No | **Surface** | 4 | Square metre |
| **With room temperature controller** | No | **Length** | 4200 | Millimetre |
| **With floor temperature sensor** | No | **Width** | 950 | Millimetre |
| **Self-adhesive** | No | **Thickness** | 7 | Millimetre |

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