ETHERMA°
EFFICIENT. ELECTRIC. HEATING.

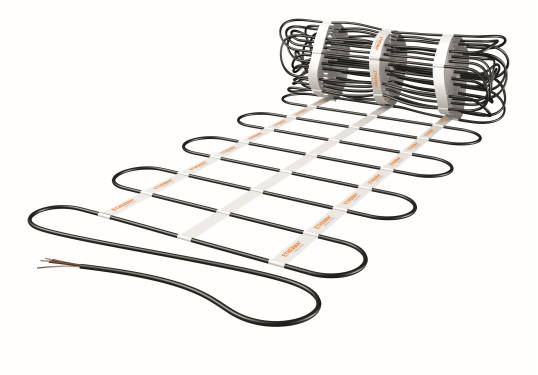
# PRODUCT DATASHEET

**Type:** 082-RGS1-105
**Art. Nr.:** 40860

0 912006 139993

**Short description**

Heating mat screed installation, 4m², 1.05x3.75m, 321W, 230V



**Product Description**

RS floor heating mats are used as direct, partial storage or storage heating, depending on the tariff model of the respective energy supplier. Specially designed for quick and easy installation, the mat should be lying flat and smooth. Installation is carried out either in a 2-layer earth-moist screed or in a flowing screed. The protective braiding of the heating conductor enables uncomplicated installation in wet areas. The high-quality dipole heating cable has a 3m connection cable (3x1.5 mm²) as standard, but can be produced in the desired length at an extra charge. Temperature resistant up to 90°C, protection rating: IP X7, protective measure: 30 mA. RCD protection circuit, heating conductor tested according to VDE, min. bending radius: 5 d, CE marking, 230 V.

**ETIM characteristics**

| | | | | |
|---|---|---|---|---|
| **Model** | Other | **Connection voltage** | 230\|230 | Volt |
| **With support mat** | ✖ | **Connected load** | 321\|321 | Watt |
| **Fixation thermal conductor** | Glued | **Power** | 80 | Watt per square metre |
| **Self-adhesive** | ✖ | **Heating conductor load** | 12 | Watt per metre |
| **Suitable for damp space** | ✔ | **Resistance** | 165 | Ohm |
| **Suitable as outdoor surface heating** | ✖ | **Number of cold conductors** | 1 | |
| **Suitable as roof surface heating** | ✖ | **Length of cold conductors** | 3000 | Millimetre |
| **With controller** | ✖ | **Surface** | 3.94 | Square metre |
| **With room temperature controller** | ✖ | **Length** | 3750 | Millimetre |
| **With floor temperature sensor** | ✖ | **Width** | 1050 | Millimetre |
| | | **Thickness** | 6 | Millimetre |

Created on: 27/11/2023

ETHERMA Elektrowärme GmbH
Landesstrasse 16
A-5302 Henndorf am Wallersee
Tel.: +43 6214 / 76 77
Mail: office@etherma.com
Web: www.etherma.com

ETHERMA Deutschland GmbH
Bahnhofstraße 40
D-48599 Gronau
Tel.: +49 2562 / 81 97 00
Mail: office.de@etherma.com
Web: www.etherma.com