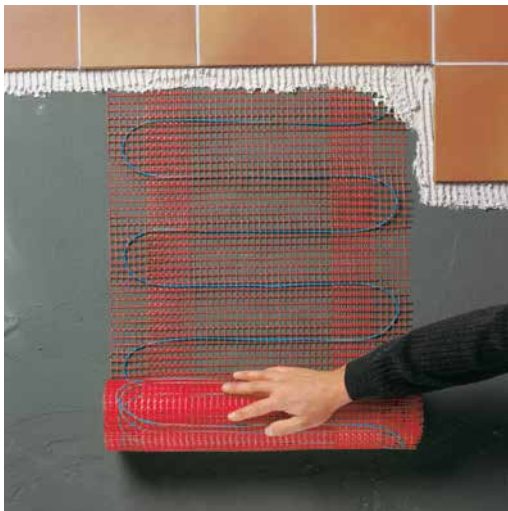


Raychem T2QUICKNET 90



PRODUCT DESCRIPTION

Self adhering, low profile floor heating mat for installation immediately under ceramic tiles or natural stone.

T2QuickNet 90 is sold as complete pack consisting of a pre-terminated floor heating cable installed on a fiber glass mat and a thermostat.

T2QuickNet 90 is the ideal floor heating system to increase the comfort at home and in the office as well as in your showroom or entrance hall.

ADVANTAGES

The design phase

Ideal heating system during early autumn or spring time as well as the perfect complementary heating system (for example in bathroom as additional heating to a towel dryer)

Extremely low installation height ca. 3 mm

Ideal for renovation

Can be used in shower areas

Compatible with all stable subfloors e.g. concrete, anhydrite, plaster, ceramic subfloor

Following floorings can be applied: Tiles, marble, stones
Max. 30 mm thickness
 λ -value 1,0 W/mK

The installation phase

Fast and easy due to self adhering mat

Due to the low profile no issue with heights of existing doors neither with floor level of existing stairs

Due to the dual conductor cable only one cold lead connection which enables easy lay-out and installation of the mats

Several heating mat sizes

The application

Ideal heating for comfort in your bathroom, kitchen and conservatory

Extra low energy consumption with use of thermostat

No measurable electro-magnetic fields due to the dual conductor heating cable

Long life and maintenance free

TECHNICAL DATA

Nominal power	90 W/m ²
Voltage	230 V
Max. Exposure Temperature	90°C
Min. Installation Temperature	+5°C
Heating cable	Flouropolymer
Cold lead	1x 2,5 m cold lead; Cross section 3 x 1,0 m ²
Mat	Self adhering fiber glass mat
Wet room	Approved; ELCB required
Circuit breaker	13 A with max heating mat surface till 33 m ²
Approvals	VDE SEMKO CE

RELATED PRODUCTS**NRG-Temp**

NRG-Temp Timer Thermostat Smart Timer Thermostat with many features including:

- Standard comfort modes
- Two economic programs EcoHome and EcoOffice
- Energy saving features, such as the programming heating on time and the adaptive function
- Ease of installation features, such as auto detection of sensing mode, auto calibration in room sensing mode and the first warming function

REFERENCE NUMBER**T2QuickNet Plus 90 pack (incl. thermostat Raychem NRG)**

	Surface	Dimension	Power	Reference number
T2QuickNet-1.0	1 m ²	0.5 m x 2 m	90 W	6012-8948401
T2QuickNet-1.5	1.5 m ²	0.5 m x 3 m	135 W	6012-8948415
T2QuickNet-2.0	2 m ²	0.5 m x 4 m	180 W	002974-000
T2QuickNet-2.5	2.5 m ²	0.5 m x 5 m	225 W	6012-8948416
T2QuickNet-3.0	3 m ²	0.5 m x 6 m	275 W	130640-000
T2QuickNet-3.5	3.5 m ²	0.5 m x 7 m	320 W	6012-8948417
T2QuickNet-4.0	4 m ²	0.5 m x 8 m	360 W	114372-000
T2QuickNet-4.5	4.5 m ²	0.5 m x 9 m	405 W	6012-8948418
T2QuickNet-5.0	5 m ²	0.5 m x 10 m	450 W	332398-000
T2QuickNet-6.0	6 m ²	0.5 m x 12 m	545 W	606482-000
T2QuickNet-7.0	7 m ²	0.5 m x 14 m	630 W	017708-000
T2QuickNet-8.0	8 m ²	0.5 m x 16 m	725 W	043254-000
T2QuickNet-9.0	9 m ²	0.5 m x 18 m	800 W	171520-000
T2QuickNet-10.0	10 m ²	0.5 m x 20 m	915 W	742077-000
T2QuickNet-12.0	12 m ²	0.5 m x 24 m	1100 W	441639-000

Extension pack surface above 12 m² (without thermostat)

	Surface	Dimension	Power	Reference number
T2QuickNet-10,0/NoTherm	10 m ²	0.5 m x 20 m	915 W	034118-000

SUBFLOOR PREPARATION

The subfloor should be clean, stable and rigid, without cracks or adhesion-reducing substances. Large cracks in the subfloor should be filled prior to laying the mat.

Uneven surfaces will need to be levelled prior to installation. With cement plaster and anhydrite plaster, one should ensure that the substance has dried sufficiently according to the applicable norms. Anhydrite plaster should be smoothed and dust free. With quickly solidifying plaster, one should follow the suppliers instructions.

The heating cable should not be installed under bath tubs, shower cabins, surface covering furniture, etc. The heating cable should not be installed where holes will be drilled in the floor.

Applicable norms, rules and data sheets as well as instructions and manuals are to be followed!

INSTALLATION INSTRUCTION

T2QuickNet-90 is positioned on the subfloor according to a lay-out plan. The Quicknet cold lead is inserted in a flexible tubing and connected to the connection box. The thermostat sensor, which is also protected in a flexible tubing, is positioned centrally between two heating cable runs.

A filler layer is applied on top of the heating mat. In wet rooms an extra wet room barrier should be applied on top of the normal filler. The tiles can be placed on top of the hardened filler material.

For detailed installation instructions refer to INST-280.



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