



HEATING MATS



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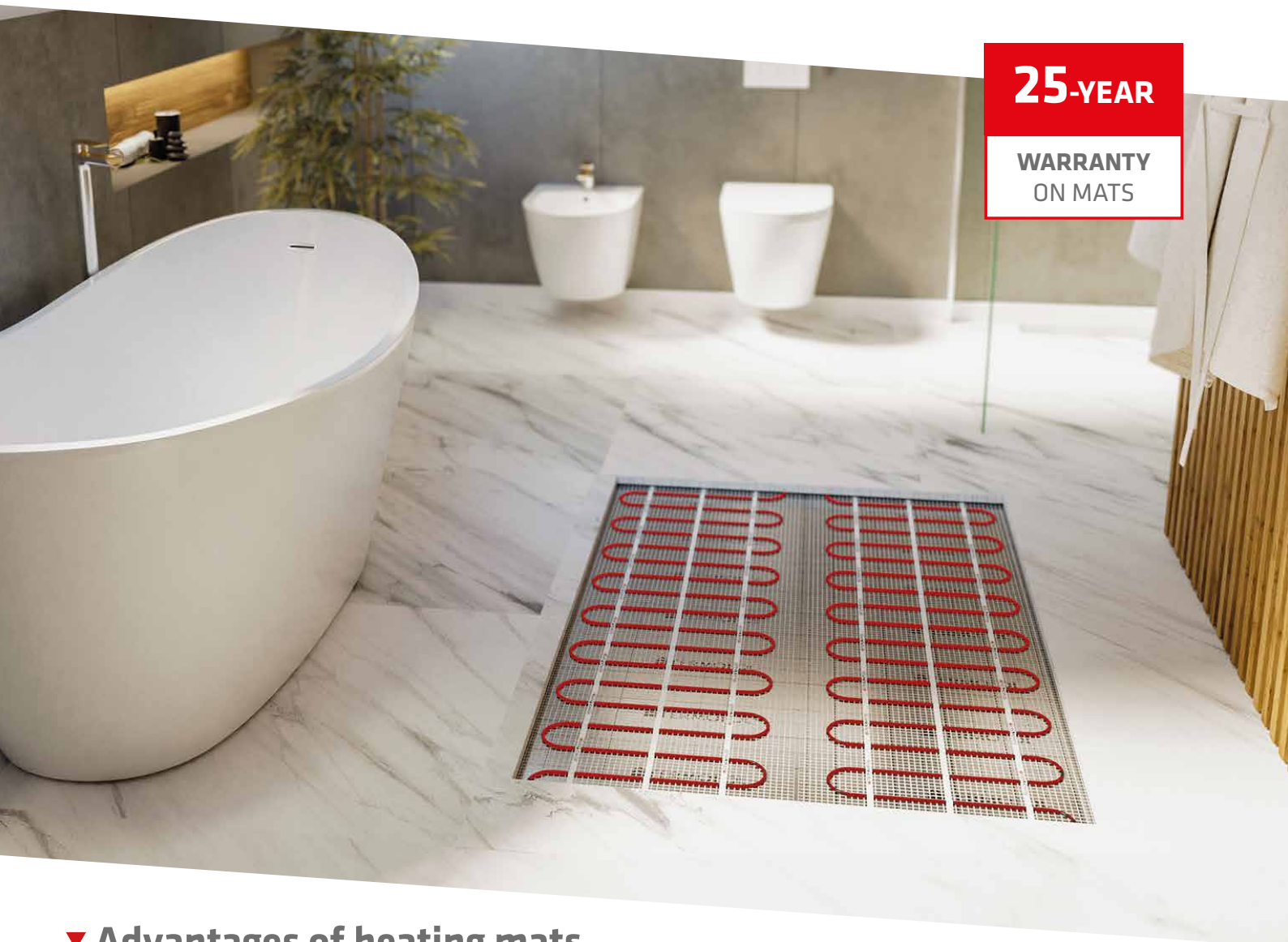
RoHS
COMPLIANT

For the bathroom, kitchen and garage

TERMOFOL heating mats are intended for heating floors covered with ceramic, stone or stoneware tiles. The power of 150W/m^2 guarantees quick heating of the room. TERMOFOL heating mats are safe to use, double insulated and shielded along the entire length of the heating cable, which protects against electromagnetic radiation and possible electric shock.

25-YEAR

**WARRANTY
ON MATS**



▼ Advantages of heating mats

- Possibility of installation in glue under ceramic tiles
- Heating mat thickness: 3.6 mm
- Possibility of installation on an existing floor, without having to cuff the old one
- The mat is self-adhesive - installation is quick and simple
- After installation, the heating installation is invisible
- Safe use
- Low installation and operating costs
- The system does not require maintenance
- Single-sided powered
- No electromagnetic field

▼ Specification

Model	Heating width [m ²]	Mat dimension	Cable diameter	Power [m ²]	Mat power [W]	Amp	Ohms [Ω]	Voltage [V]
TF-HM-150-05	0,5	0,5 x 1	3.6 mm	150	75	0.35	601,2	230
TF-HM-150-10	1	0,5 x 2	3.6 mm	150	150	0.7	352,7	230
TF-HM-150-15	1,5	0,5 x 3	3.6 mm	150	225	1.0	235,1	230
TF-HM-150-20	2	0,5 x 4	3.6 mm	150	300	1.3	176,3	230
TF-HM-150-25	2,5	0,5 x 5	3.6 mm	150	375	1.6	141,1	230
TF-HM-150-30	3	0,5 x 6	3.6 mm	150	450	2.0	117,6	230
TF-HM-150-35	3,5	0,5 x 7	3.6 mm	150	525	2.3	100,8	230
TF-HM-150-40	4	0,5 x 8	3.6 mm	150	600	2.6	88,2	230
TF-HM-150-45	4,5	0,5 x 9	3.6 mm	150	675	2.9	78,4	230
TF-HM-150-50	5	0,5 x 10	3.6 mm	150	750	3.3	70,5	230
TF-HM-150-60	6	0,5 x 12	3.6 mm	150	900	3.9	58,8	230
TF-HM-150-70	7	0,5 x 14	3.6 mm	150	1050	4.6	50,4	230
TF-HM-150-80	8	0,5 x 16	3.6 mm	150	1200	5.2	44,1	230
TF-HM-150-90	9	0,5 x 18	3.6 mm	150	1350	5.9	39,2	230
TF-HM-150-100	10	0,5 x 20	3.6 mm	150	1500	6.5	35,3	230
TF-HM-150-120	12	0,5 x 24	3.6 mm	150	1800	7.8	29,4	230
TF-HM-150-150	15	0,5 x 30	3.6 mm	150	2250	9.8	23,5	230
TF-HM-150-200	20	0,5 x 40	3.6 mm	150	3000	13.04	17,63	230

▼ Ready-made mat sets

The mat sets contain the necessary components for self-assembly:

- Self-adhesive TERMOFOL heating mat
- Selected TERMOFOL thermoregulator
- Single-sided power supply system
- Floor sensor installation kit
- Pipe with junction box and installation accessories
- Installation instructions including guarantee card



TERMOTERM INSULATION BOARD

Thickness
6mm

Thickness
12mm

XPS insulation boards under heating mats



compressive
strength

$C_s=300$ kPa



flammability
class

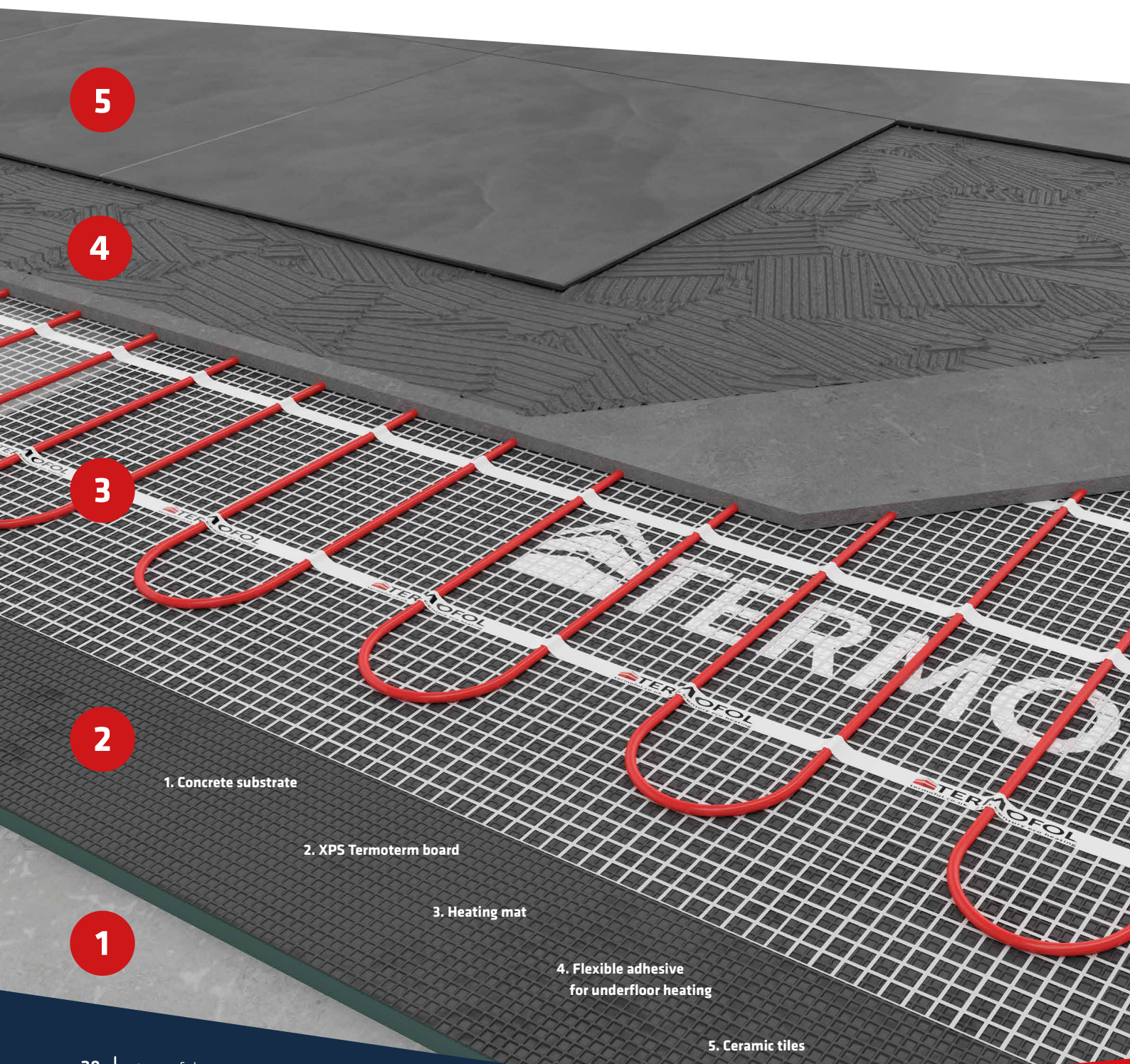
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thermal
conductivity

$\lambda=0,033$ W/m·K

Termofol Termoterm board under heating mats provides adequate waterproofing and thermal insulation. Its construction is based on closed cell foamed polystyrene. The outer layer is a polymer mass with resin and glass fibre mesh, which ensures lightness and resistance to damage. The construction of the board is also characterised by its low weight and at the same time exceptional resistance to damage.



1. Concrete substrate

2. XPS Termoterm board

3. Heating mat

4. Flexible adhesive
for underfloor heating

5. Ceramic tiles



▼ Termofol Termoterm or regular polystyrene foam?

**In contrast to traditional polystyrene foam
TERMOFOL TERMOTERM insulation board is:**

- Increased thermal insulation
- Resistance to moisture
- Increased pressure resistance
- Thickness - only 6/12 mm
- Easy to install
- Easy to process

▼ Specification

Model	Width	Length	Thickness	Area
TF-XPS-12MM	60 cm	120 cm	12 mm	0.72 m ²
TF-XPS-6MM	60 cm	120 cm	6 mm	0.72 m ²