

TECHNICAL DATA SHEET

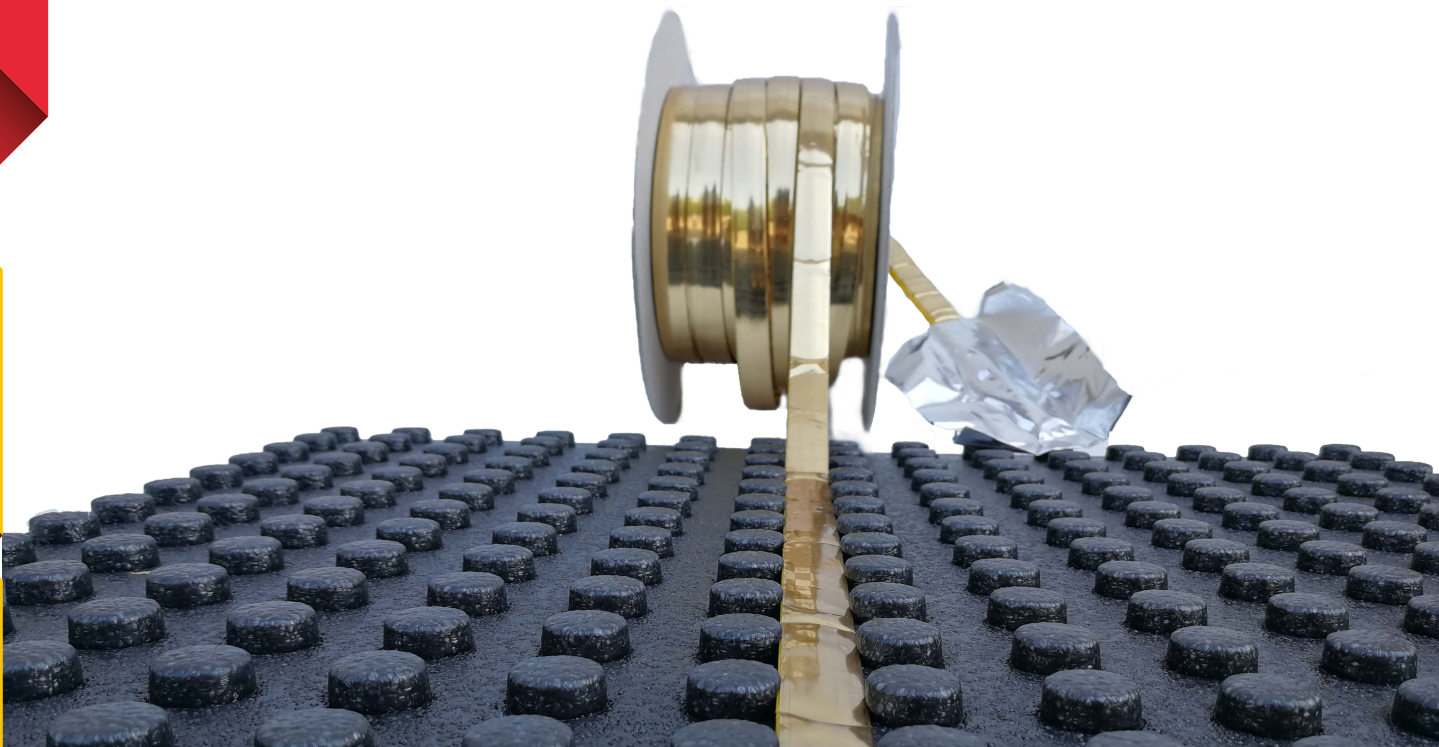
GOLD PLUS NEEP



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KIT GOLD PLUS NEEP



The **Warmset Gold Plus NEEP** kit is the ideal solution for installing **electric heating** for any type of flooring.

The heating component of the kit is the **Gold Plus loose ribbon**, made with a coating of a polyimide film combined with a metallic PET golden colored that acts as vapor barrier, a material with high thermal properties and very resistant to chemical agents that allows Warmset to offer this product with the exclusive lifetime warranty.

The two-wire heating element exploits the convenience of power supply on one side only and the 3 m cold lead, of which it is possible to obtain longer lengths on request. The ribbon is laminated with a **double-sided adhesive** which allows a more functional installation on **hard/dusty surfaces**.

WarmNeeP insulation, on the other hand, is an innovative insulation that, thanks to its characteristics, allows the use of the strip on any type of flooring, even on projects with dry floors.

Installing the **Gold Plus NEEP** kit reduces the thickness of the heating surface, eliminating the possibility of damage during installation and obtaining an ideal insulation for both winter and summer.

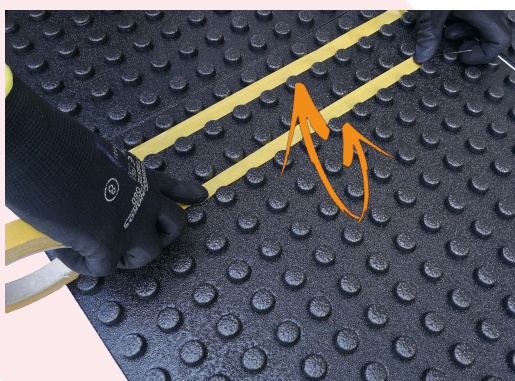
Thanks to the physical conformation of the insulation, made for the perfect fitting of Gold Plus loose ribbon, the installation is very **easy, fast and error-proof**.

DIMENSIONS AND CHARACTERISTICS

LOOSE RIBBON GOLD PLUS

7 W/m ~ 100 W/m ²				10 W/m~150 W/m ²				13 W/m ~ 200 W/m ²			
Code	Length (m)	m ²	Power (W)	Code	Length (m)	m ²	Power (W)	Code	Length (m)	m ²	Power (W)
BDGP-15-7	15	1	105	BDGP-15-10	15	1	150	BDGP-15-13	15	1	195
BDGP-22,5-7	22,5	1,5	157,5	BDGP-22,5-10	22,5	1,5	225	BDGP-22,5-13	22,5	1,5	292,5
BDGP-30-7	30	2	210	BDGP-30-10	30	2	300	BDGP-30-13	30	2	390
BDGP-37,5-7	37,5	2,5	262,5	BDGP-37,5-10	37,5	2,5	375	BDGP-37,5-13	37,5	2,5	487,5
BDGP-45-7	45	3	315	BDGP-45-10	45	3	450	BDGP-45-13	45	3	585
BDGP-52,5-7	52,5	3,5	367,5	BDGP-52,5-10	52,5	3,5	525	BDGP-52,5-13	52,5	3,5	682,5
BDGP-60-7	60	4	420	BDGP-60-10	60	4	600	BDGP-60-13	60	4	780
BDGP-67,5-7	67,5	4,5	472,5	BDGP-67,5-10	67,5	4,5	675	BDGP-67,5-13	67,5	4,5	877,5
BDGP-75-7	75	5	525	BDGP-75-10	75	5	750	BDGP-75-13	75	5	975
BDGP-82,5-7	82,5	5,5	577,5	BDGP-82,5-10	82,5	5,5	825	BDGP-82,5-13	82,5	5,5	1072,5
BDGP-90-7	90	6	630	BDGP-90-10	90	6	900	BDGP-90-13	90	6	1170
BDGP-97,5-7	97,5	6,5	682,5	BDGP-97,5-10	97,5	6,5	975	BDGP-97,5-13	97,5	6,5	1267,5
BDGP-105-7	105	7	735	BDGP-105-10	105	7	1050	BDGP-105-13	105	7	1365
BDGP-112,5-7	112,5	7,5	787,5	BDGP-112,5-10	112,5	7,5	1125	BDGP-112,5-13	112,5	7,5	1462,5
BDGP-120-7	120	8	840	BDGP-120-10	120	8	1200	BDGP-120-13	120	8	1560
BDGP-127,5-7	127,5	8,5	892,5	BDGP-127,5-10	127,5	8,5	1275	BDGP-127,5-13	127,5	8,5	1657,5
BDGP-135-7	135	9	945	BDGP-135-10	135	9	1350	BDGP-135-13	135	9	1755
BDGP-142,5-7	142,5	9,5	997,5	BDGP-142,5-10	142,5	9,5	1425	BDGP-142,5-13	142,5	9,5	1852,5
BDGP-150-7	150	10	1050	BDGP-150-10	150	10	1500	BDGP-150-13	150	10	1950
BDGP-165-7	165	11	1155	BDGP-165-10	165	11	1650	BDGP-165-13	165	11	2145
BDGP-180-7	180	12	1260	BDGP-180-10	180	12	1800	BDGP-180-13	180	12	2340
BDGP-195-7	195	13	1365	BDGP-195-10	195	13	1950	BDGP-195-13	195	13	2535
BDGP-210-7	210	14	1470	BDGP-210-10	210	14	2100	BDGP-210-13	210	14	2730
BDGP-225-7	225	15	1575	BDGP-225-10	225	15	2250	BDGP-225-13	225	15	2925

HOW TO INSTALL



Place adhesive every 2 spaces



Spread the ribbon over the tape

GUARANTEES AND CERTIFICATIONS

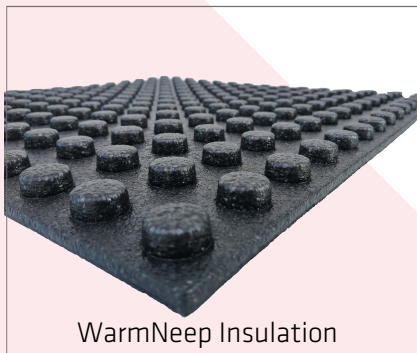


DIMENSIONS AND CHARACTERISTICS

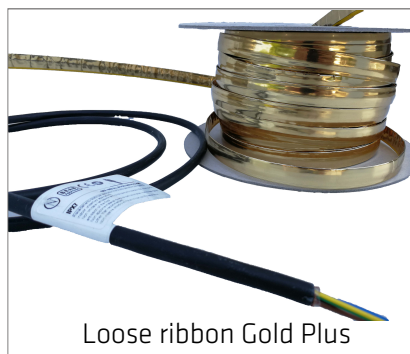
WARMNEEP INSULATION

WARMNEEP INSULATION	
MODEL	SIZES (cm)
WARMNEEP	50X50 cm
MATERIAL	
EXPANDED POLYETHYLENE RETICULATED WITH CLOSED CELLS	
TECHNICAL DATA	
THICKNESS	5,5 mm base - 6,5 mm relief - 12mm total
WEIGHT	0,8 Kg/m ²
HARDNESS	33 +/- 3 Sh A
DENSITY	80 +/- 8 Kg/m ³
LONGITUDINAL TENSILE STRENGTH	> 0,60 N/mm ²
CROSS TENSILE STRENGTH	> 0,46 N/mm ²
WORKING TEMPERATURE	-40 °C / +80 °C
WATER ABSORPTION	<3 Vol %
THERMAL CONDUCTIVITY	$\lambda = 0,050 \text{ Kcal/h m } ^\circ\text{C}$

WHAT IS INCLUDED



WarmNeep Insulation



Loose ribbon Gold Plus



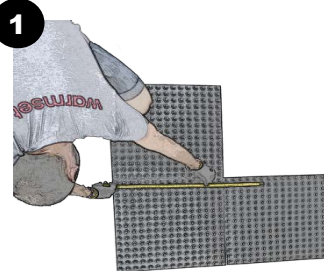
Tape for folds



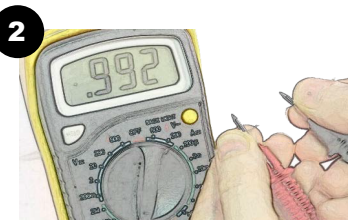
Double-sided tape

INSTALLATION GUIDE

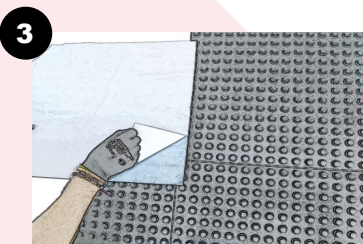
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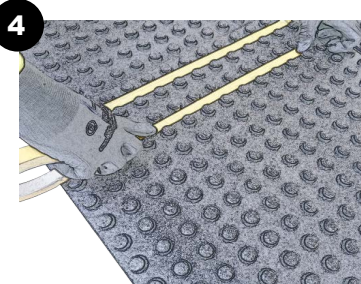
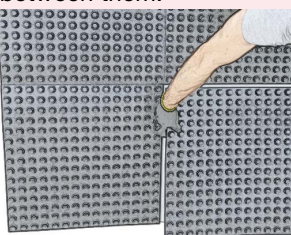
Plan:
Plan the installation well so as to be able to spread the loose ribbon correctly taking the measurements of the area (4 panels = 1m²).



Test & Record: (1st Time)
Test the ribbon Resistance & Insulation before to install. Record information from test and label on wire to lable logbook putting the tag you can find in the box.



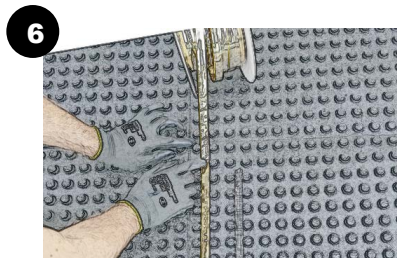
Place the insulation:
Remove the double-sided adhesive from the insulation, place a square next to each other without leaving any free space between them.



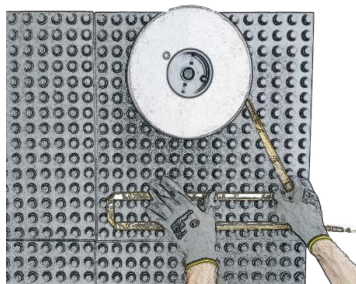
Place double-side adhseive:
Unroll the RETAKK double-sided tape positioning it every 2 spaces.



Remove the silicone paper once the double-sided adhesive tape is correctly positioned



Place loose ribbon GP:
Unroll the loose ribbon progressively and spread it in the insulation inserting it between one rise and the other.



Continue to lay, always leaving a space free for every two, until the end of the ribbon. On folds, place the tape supplied in the kit.

Cover the ribbon: Be sure to fully embed the ribbon into the thinset or self-leveling compound without damages.
MUST NOT PUT SPLICE AND FACTORY TAIL CONNECTIONS

Test & Record: (2nd Time)
Test the mat resistance & insulation.
Mail in warranty card and label logbook to info@warmset.com.

Cover with the choosen floor

Switching system:
Switch on the mats after a qualified licensed electrician made electrical connections, making sure to follow instructions and installation times of slab/flooring.