

TECHNICAL DATA SHEET

GOLD

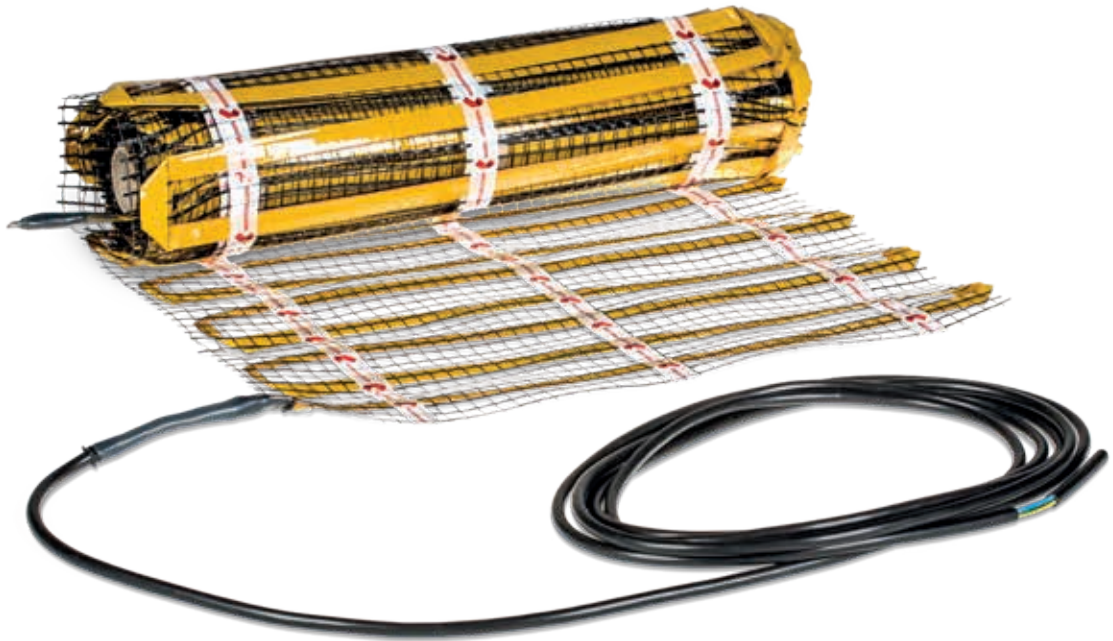
FIBERGLASS



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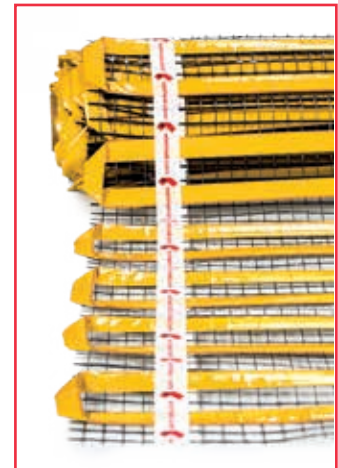
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GOLD FIBERGLASS



Warmset's **Gold** technology is the flagship among the Warmset products for underfloor electric heating. It has a gold-colored **polyimide film coating**, a material with high heating properties and very resistant to chemical agents. These remarkable characteristics make it possible for Warmset to offer this product with an exclusive **lifetime guarantee**.

Thanks to the **fiberglass mesh** that the Warmset multilayer laminated earth plate is set on, this underfloor electric heating system is suitable to be embedded in **cement or self-leveling screed**, even outside homes. Since it is **not very thick** (3 mm) it can be installed directly in tile glue with **ceramic, natural stone or wood** floors glued on.



GUARANTEES AND CERTIFICATIONS



DIMENSIONS AND CHARACTERISTICS

GOLD FIBERGLASS

COVERED AREA (m ²)	DIMENSION (LINEAR METER)	65W/m ²		85W/m ²	
		MODEL	POWER (W) AMP(A) / OHM(Ω)	MODEL	POWER(W) AMP(A) / OHM(Ω)
0.5	0,5X1	WHG-0.5-65	32.5W 0.14A / 1627.7Ω	WHG-0.5-85	42.5W 0.18A / 1170Ω
1.0	0,5X2	WHG-1-65	65W 0.28A / 813.8Ω	WHG-1-85	85W 0.36A / 622Ω
1.5	0,5X3	WHG-1,5-6	97.5W 0.42A / 542.6Ω	WHG-1.5-85	127.5W 0.55A / 415Ω
2.0	0.5X4	WHG-2-65	130W 0.57A / 406.9Ω	WHG-2-85	170W 0.74A / 311Ω
2.5	0.5X5	WHG-2,5-65	162.5W 0.71A / 325.5Ω	WHG-2.5-85	213W 0.92A / 249Ω
3.0	0.5X6	WHG-3-65	195W 0.85A / 271.3Ω	WHG-3-85	255W 1.11A / 207Ω
3.5	0.5X7	WHG-3,5-65	227.5W 0.99A / 232.5Ω	WHG-3.5-85	298W 1.29A / 178Ω
4.0	0.5X8	WHG-4-65	260W 1.13A / 203.5Ω	WHG-4-85	340W 1.66A / 1170Ω
4.5	0.5X9	WHG-4,5-65	292.5W 1,278A / 180.9Ω	WHG-4.5-85	383W 0,18A / 1170Ω
5.0	0.5X10	WHG-5-65	325W 1.41A / 162.8Ω	WHG-5-85	425W 1.85A / 125Ω
6.0	0.5X12	WHG-6-65	390W 1.70A / 135.6Ω	WHG-6-85	510W 2.21A / 104Ω
7.0	0.5X14	WHG-7-65	455W 1.98A / 116.3Ω	WHG-7-85	595W 2.58A / 88.9Ω
8.0	0.5X16	WHG-8-65	520W 2.26A / 101.7Ω	WHG-8-85	680W 2.95A / 77.8Ω
9.0	0.5X18	WHG-9-65	585W 2.54A / 90.4Ω	WHG-9-85	765W 3.33A / 69.2Ω
10.0	0.5X20	WHG-10-65	650W 2.83A / 81.4Ω	WHG-10-85	850W 3.70A / 62.2Ω
12.0	0.5X24	WHG-12-65	780W 3.39A / 67.8Ω	WHG-12-85	1020W 4.43A / 51.8Ω
14.0	0.5X28	WHG-14-65	910W 3.96A / 58.1Ω	WHG-14-85	1190W 5.17A / 44.5Ω

DIMENSIONS AND CHARACTERISTICS

GOLD FIBERGLASS

COVERED AREA (m ²)	DIMENSION (LINEAR METER)	100W/m ²		120W/m ²	
		MODEL	POWER (W) AMP(A) / OHM(Ω)	MODEL	POWER (W) AMP(A) / OHM(Ω)
0.5	0,5X1	WHG-0.5-100	50W 0.21A / 1058Ω	WHG-0.5-120	60W 0.26A / 882Ω
1.0	0,5X2	WHG-1-100	100W 0.43A / 529Ω	WHG-1-120	120W 0.52A / 441Ω
1.5	0,5X3	WHG-1.5-100	150W 0.65A / 353Ω	WHG-1.5-120	180W 0.78A / 294Ω
2.0	0.5X4	WHG-2-100	200W 0.86A / 265Ω	WHG-2-120	240W 1.04A / 220Ω
2.5	0.5X5	WHG-2.5-100	250W 1.08A / 212Ω	WHG-2.5-120	300W 1.30A / 177Ω
3.0	0.5X6	WHG-3-100	300W 1.30A / 177Ω	WHG-3-120	360W 1.56A / 147Ω
3.5	0.5X7	WHG-3.5-100	350W 1.52A / 151Ω	WHG-3.5-120	420W 1.83A / 126Ω
4.0	0.5X8	WHG-4-100	400W 1.73A / 133Ω	WHG-4-120	480W 2.08A / 110Ω
4.5	0.5X9	WHG-4.5-100	450W 1.95A / 118Ω	WHG-4.5-120	540W 2.34A / 98.0Ω
5.0	0.5X10	WHG-5-100	500W 2.17A / 106Ω	WHG-5-120	600W 2.60A / 88.7Ω
6.0	0.5X12	WHG-6-100	600W 2.60A / 88.7Ω	WHG-6-120	720W 3.13A / 73.5Ω
7.0	0.5X14	WHG-7-100	700W 3.04A / 75.6Ω	WHG-7-120	840W 3.65A / 63.0Ω
8.0	0.5X16	WHG-8-100	800W 3.47A / 66.2Ω	WHG-8-120	960W 4.17A / 55.1Ω
9.0	0.5X18	WHG-9-100	900W 3.91A / 58.8Ω	WHG-9-120	1080W 4.69A / 53.8Ω
10.0	0.5X20	WHG-10-100	1000W 4.34A / 52.9Ω	WHG-10-120	42.5W 0.18A / 1170Ω
12.0	0.5X24	WHG-12-100	1200W 5.21A / 44.1Ω	WHG-12-120	1440W 6.26A / 36.7Ω
14.0	0.5X28	WHG-14-100	1400W 6.08A / 37.8Ω	WHG-14-120	1680W 7.3A / 31.4Ω

DIMENSIONS AND CHARACTERISTICS

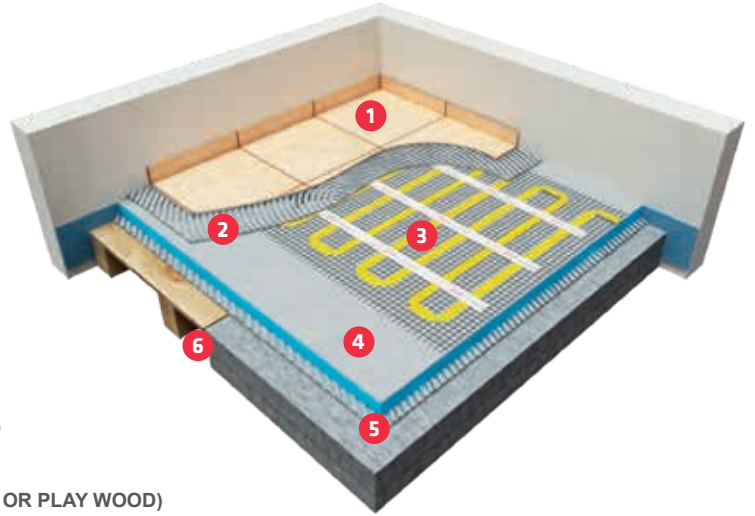
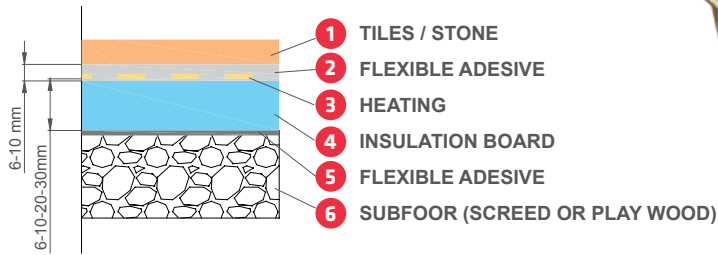
GOLD FIBERGLASS

COVERED AREA (m ²)	DIMENSION (LINEAR METER)	150W/m ²		200W/m ²	
		MODEL	POWER (W) AMP(A) / OHM(Ω)	MODEL	POWER (W) AMP(A) / OHM(Ω)
0.5	0,5X1	WHG-0.5-150	75W 0.32A / 705Ω	WHG-0.5-200	100W 0.43A / 529Ω
1.0	0,5X2	WHG-1-150	150W 0.65A / 353Ω	WHG-1-200	200W 0.86A / 265Ω
1.5	0,5X3	WHG-1.5-150	225W 0.98A / 235Ω	WHG-1.5-200	300W 1.30A / 177Ω
2.0	0.5X4	WHG-2-150	300W 1.30A / 177Ω	WHG-2-200	400W 1.73A / 133Ω
2.5	0.5X5	WHG-2.5-150	375W 1.63A / 141Ω	WHG-2.5-200	500W 2.17A / 106Ω
3.0	0.5X6	WHG-3-150	450W 1.95A / 118Ω	WHG-3-200	600W 2.60A / 88.7Ω
3.5	0.5X7	WHG-3.5-150	525W 2.28A / 101Ω	WHG-3.5-200	700W 3.04A / 75.6Ω
4.0	0.5X8	WHG-4-150	600W 2.60A / 88.7Ω	WHG-4-200	800W 3.47A / 66.2Ω
4.5	0.5X9	WHG-4.5-150	675W 2.93A / 78.4Ω	WHG-4.5-200	900W 3.91A / 58.8Ω
5.0	0.5X10	WHG-5-150	750W 3.26A / 70.5Ω	WHG-5-200	1000W 4.34A / 52.9Ω
6.0	0.5X12	WHG-6-150	900W 3.91A / 58.8Ω	WHG-6-200	1200W 5.21A / 44.1Ω
7.0	0.5X14	WHG-7-150	1050W 4.56A / 50.4Ω	WHG-7-200	1400W 6.08A / 37.8Ω
8.0	0.5X16	WHG-8-150	1200W 5.21A / 44.1Ω	WHG-8-200	1600W 6.95A / 33.1Ω
9.0	0.5X18	WHG-9-150	1350W 5.87A / 39.2Ω	WHG-9-200	1800W 7.82A / 29.4Ω
10.0	0.5X20	WHG-10-150	1500W 6.52A / 35.3Ω	WHG-10-200	2000W 8.69A / 26.5Ω
12.0	0.5X24	WHG-12-150	1800W 7.82A / 29.4Ω	WHG-12-200	2400W 10.4A / 22.1Ω
14.0	0.5X28	WHG-14-150	2100W 9.13A / 25.2Ω	WHG-14-200	2800W 12.2A / 18.9Ω

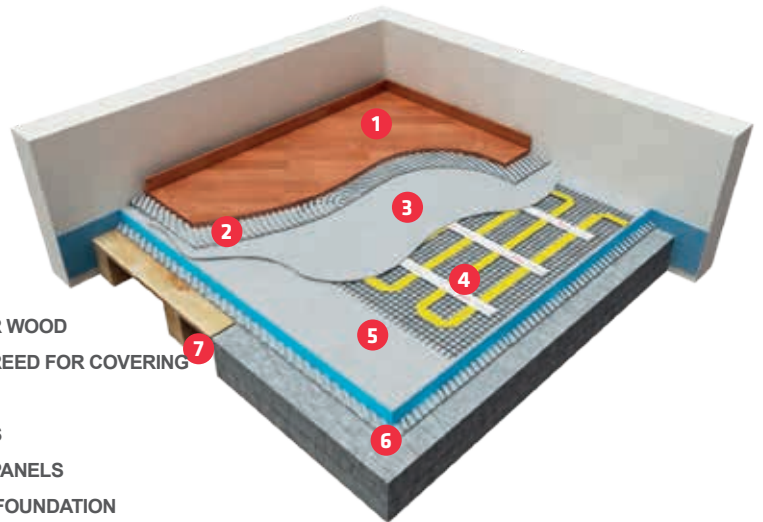
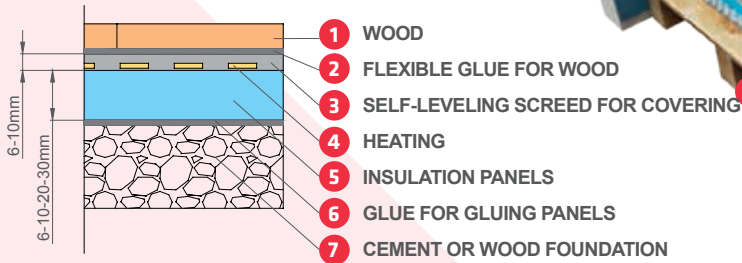
TYPE OF INSTALLATION INDOOR

GOLD FIBERGLASS

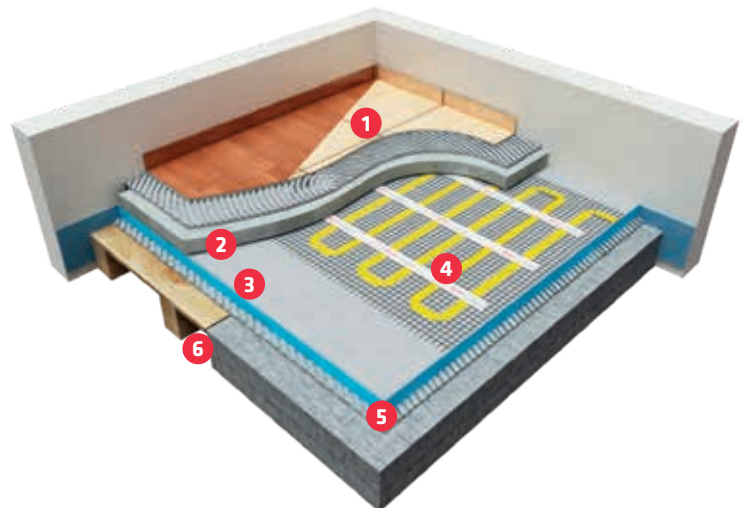
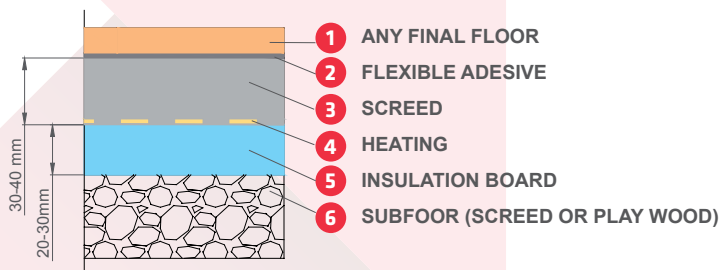
INSTALLATION UNDER TILES FROM ONLY 12MM THINCKNESS



GLUED WOOD FLOORS



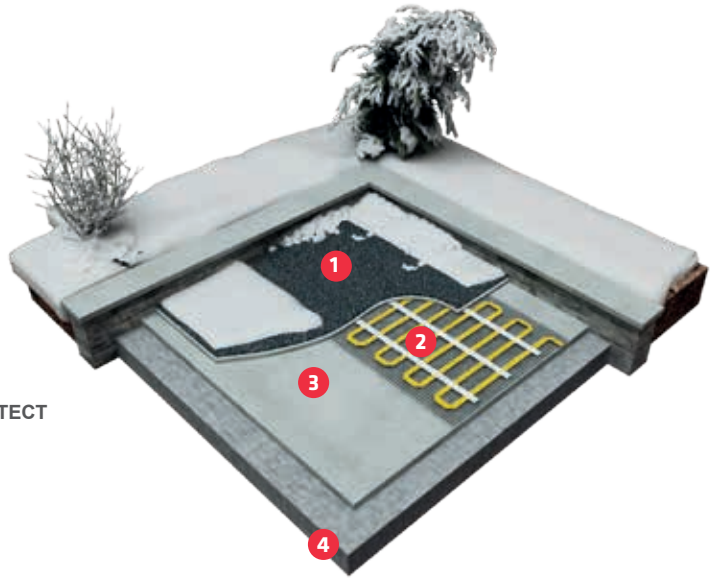
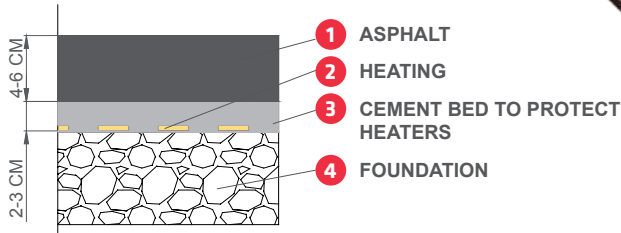
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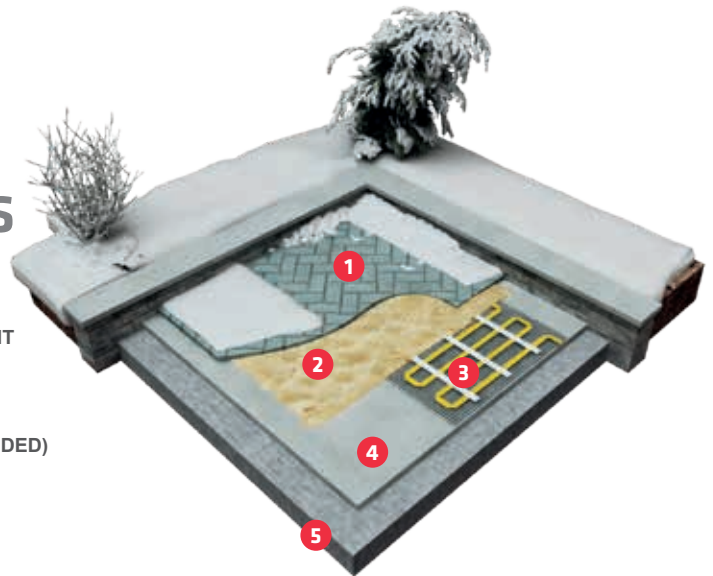
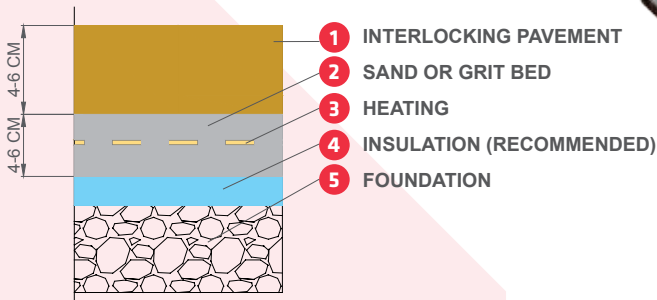
TYPE OF INSTALLATION OUTDOOR

GOLD FIBERGLASS

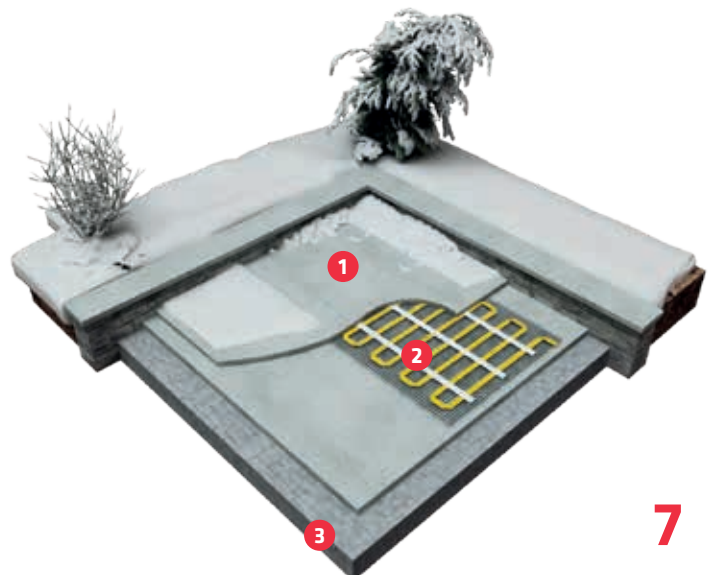
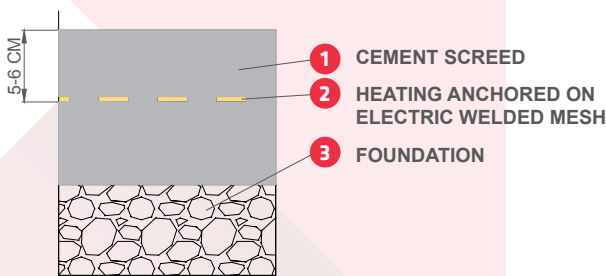
UNDERNEATH ASPHALT



UNDERNEATH INTERLOCKING ELEMENTS

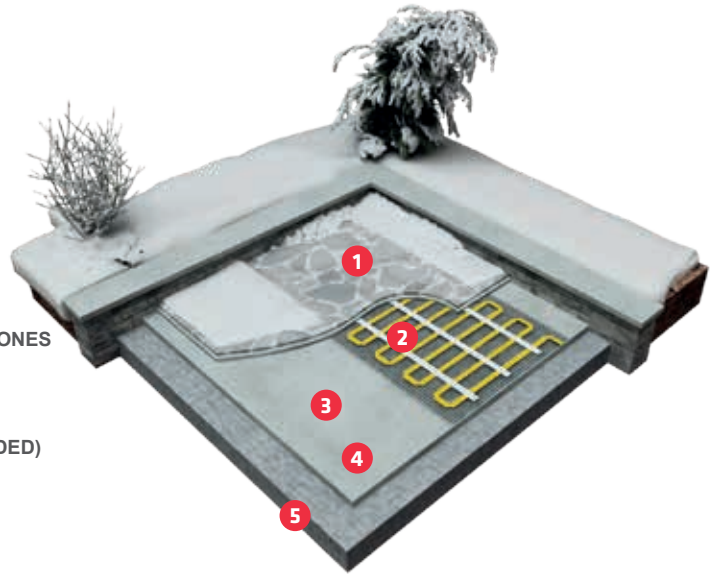
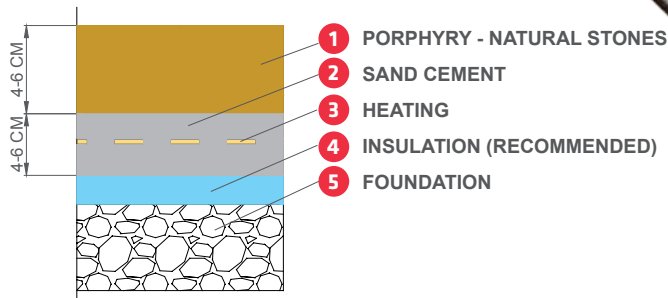


UNDERNEATH CEMENT



TYPE OF INSTALLATION OUTDOOR GOLD FIBERGLASS

UNDERNEATH PORPHYRY OR NATURAL STONES



PROJECTS



Tepidarium of the Ship Costa Fascinosa



Home in Sarmego - Vicenza

