

Manual for the Ecofloor Cable Kit

Important issues which you should make allowance for before installing the system are:

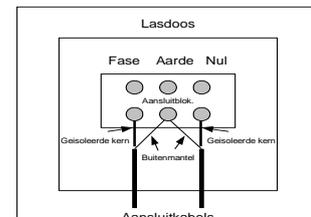
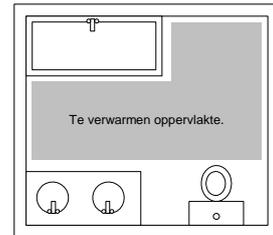
- The Ecofloor Cable Kit heating cable is designed with a two conductor cable with a full protected screen shield, through which these cables are suitable for every room: wet or dry rooms.
- The heating cable is a double conductor cable with one connection site.
- The installation must be performed by a qualified person that makes allowance for the installation prescriptions, which are being discussed next. Always let the installation on your lights performed by a qualified and acknowledged installer.
- The system must be connected on 230 V 50 Hz. Always check the available connection value.
- When using the build in thermostat, one jacket have to be milled in the wall; for the cold cable of the heating system and for the floor sensor who have to run through this jacket.
- When using a build in thermostat the cable and sensor have to be cleared with a cable strip in the wall. .
- Make sure that the ground is flat and free of sharp protuberances.
- Before installing measure the cables and check if the cable warms up
- The heating cable should be installed on a minimum of 5 cm of the wall or other objects. Also the loops have to have a minimum distance of 5 cm.
- **The heating cable may never be shortened or lengthened.**
- Use the delivered mould to define the distance between the loops.
- An easy order to work is first laying the cable with the tape or the strips, then measure the cable, put on the egaline-layer, let it dry, apply tile glue, measure the cable again an then apply the tiles.
- Always let yourself be advised properly, which tile glue, egaline etc. you have to use in combination with the floor heating.
- Before your start laying down the cable, define if you attach the cable with tape (only possible on a flat surface) or with the metal connection strips.
- Make sure that you apply the cable as flat as possible on the surface.



Before installation read the installation manual thoroughly.

Installation manual for the Heatcable Heating system.

1. Make a drawing of the room you want to heat up and calculate the surface you want to heat up. This will be about 50/60% of the total surface (see fig. 1)
2. The installation must be performed by a qualified person that makes allowance for the installation prescriptions, which are being discussed next. Always let the installation on your lights performed by a qualified and acknowledged installer.
3. Make sure that the ground is clean and that no sharp protuberances are on the ground.
4. Define the voltage you wish and thereby also the breadth of the loops with using the delivered mould.
5. Define where the thermostat sensor should be placed, place a mark on the floor and if necessary mill the floor sensor in the existing floor. (the end should be taped) from the floor sensor into the existing floor. From the thermostat two jackets have to be milled in the wall, one jacket for the alimentary cable and the other jacket for the floor sensor. (see pictures).



6. Unwind the cable reel totally, define the starting point and fasten the cable with the tape, after that unwind the reel to the end point (see picture).



- 7 Start making the loops from the beginning, measured with the mould on the thickness per loop you wish for. The loops can be places on 100 W of 160 W capacities. You can see this on the delivered mould. Fasten everything with the double sided tap. See picture.



- 8 The thermostat sensor should be placed in the protection box and must always be placed in the middle of a loop. Tape the end of the protection box to make sure that the sensor can never get stuck in the tile glue.
With a grinding-turn you make a groove in the floor where the protection box disappears in.
(see pictures)



- 9 The heat cable may never be shortened and the connection cable may never be lengthened. Therefore everything has to be checked before installation.
- 10 Be sure that the warmed cables don't touch or cross. This can cause too much heat and therefore shorten the life length of the Heatcable.



- 11 After installing the cable and before starting to apply the equalization substance, it's important to measure the resistance of the cables to make sure that nothing is damaged when installing.
- 12 Now first spread the equalization substance over the heating system, let it dry, then apply the tile glue and place the tile floor.
- 13 Never place furniture or other comparable objects where you have placed the cables, the warmth may never be locked up.



- 14 .After installing wait for 28 days before using your heating system.

We wish you very comfortable heating pleasure with your floor heating system.