

## Manual for the Ecofloor Heat Mat.

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

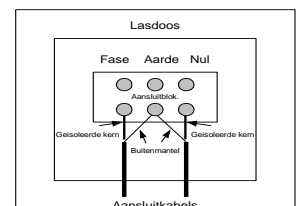
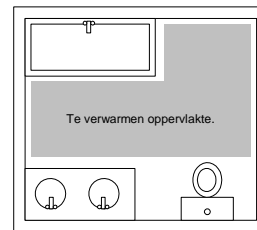
- The Ecofloor ComfortMat heating cables are designed with a two conductor cable with a full protection screen, through which these cables are suitable for every room: wet or dry rooms.
- Before starting always make a drawing of where and how the heating mat should be placed and where the floor sensor and thermostat should be installed.
- Let your supplier tell you which equalization substance and tile glue you can use the best in combination with heating.
- The heating cable is a double wired disposed 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.
- From the thermostat one jacket has to be milled in the wall; for the alimentary cable and for the floor sensor who run through this jacket
- 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 may never be shortened or lengthened.**



Before installation read the installation manual thoroughly.

## Installation manual for the Heatmat heating system.

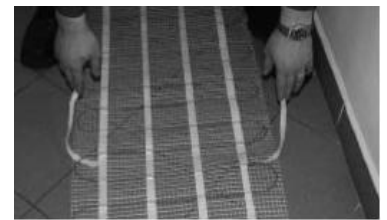
1. Make a drawing of the room you want to heat up and calculate the surface that has to be heated. This will be about 50/60% of the total surface. (see Fig. 1).



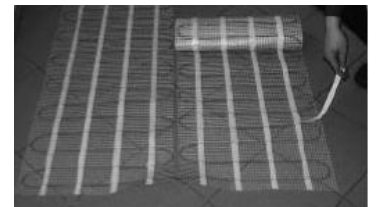
2. The installation must be performed by a qualified person that makes allowance for the installation prescriptions, which are being discussed next.

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. When necessary you should make a space in the ground to let the connector sink between the heating cable and the cold connection cable.



5. First define if the Heatmat should be installed with the cables on the down site of the mat or on the upper site of the mat. When installing on a non-dusty floor the mat is rolled out with the cables



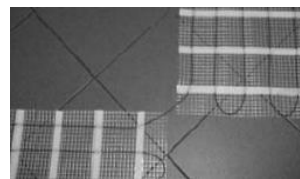
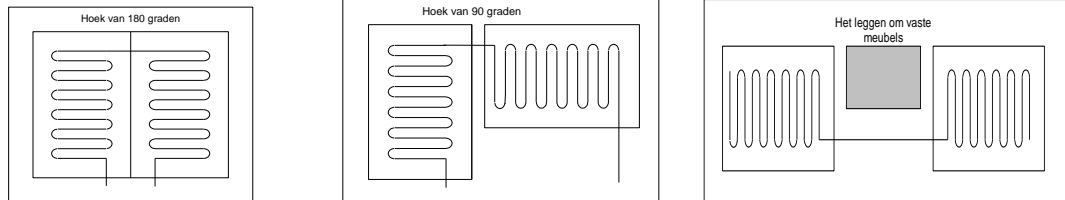
on the upper site of the mat. Put the Heatmat on the place you want to warm, pull away the protection layers of the tape from under the mat. Push the mat thoroughly to the floor and apply a layer of tile glue. When the heatmat is installed on a dusty floor the tape will not glue and you must press the Heatmat in a small layer of tile glue with the cables on the downsite. When the glue has dried and the heatmat is well placed, the normal amount of tile glue can be applied.

6. Be sure that the warmed cables don't touch or cross. This can cause too much heat and therefore shorten the life length of your Heatmat.
7. Never place furniture or other comparable objects where you have placed the cables, the warmth may never be locked up, cause by too much heat damage can be caused to the cables.

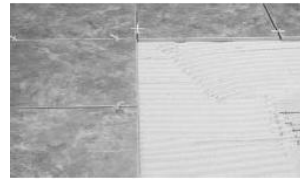
8. From the thermostat two jackets have to be milled in the wall, one jacket for the alimentary cable and the other jacket for the floor sensor. Also the floor sensor has to be cleared into the ground floor and should come out in the middle of a loop on the mat.



- The heating cables of the Heatmat may not be shortened. The non-heated connecting cable can of course be shortened.
- To make the installation fit, the mats may be cut, but certainly not the cables. The pictures beyond show you how make diversions.



- Spread the high quality equalization substance over the mat, let it dry and than glue the tiles with special tile glue. Let your supplier tell you what equalization substance and tile glue you should use the best in combination with floor heating.



- After installing wait 28 days before using the heating system.

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