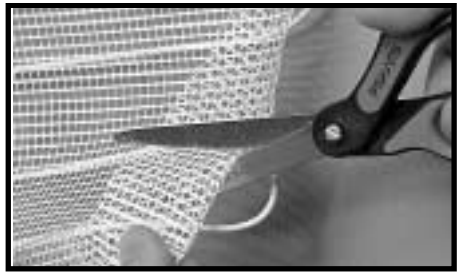
How To Cover Any Footprint

The complimentary installation plan provided is very important.
It shows the correct placement of your heating rolls for safety and optimal efficiency. The plan will also serve as a useful reference for any future inspections or floor work that needs to be performed.
The heating element of the product is sewn in a serpentine pattern on to lengths of fiberglass mesh forming a roll. It is quick and simple to cover large areas.

Your plan shows you where any modification is necessary. These are all easily done by cutting through the fiberglass mesh material **(NOT the heating cable), see Photo A** , so that the roll is in two or more, moveable -but connected- pieces which are called **'Panels' see Photo B**. These panels can be angled, turned or completely flipped over in order to cover the space.

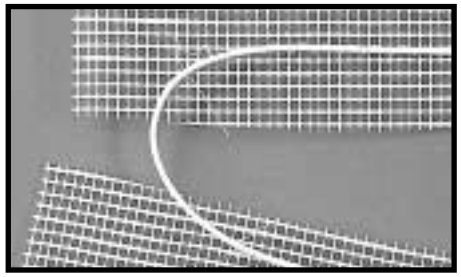
Very small or odd shaped areas are called "Free Form Spaces", sections of the webbing is removed in order to release an appropriate length of heating element to fill these spaces, **see Photo C**. This ' free' wire is placed in areas not reached by the main heating elements of the panels. It is also used to make 'step turns' possible, as long as correct spacing is observed.

Photo A



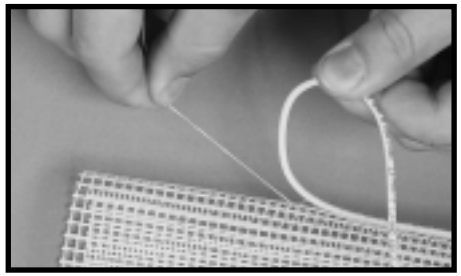
Never Cut the Heating Element
Make a single cut through the entire width of the fiberglass mesh.

Photo B



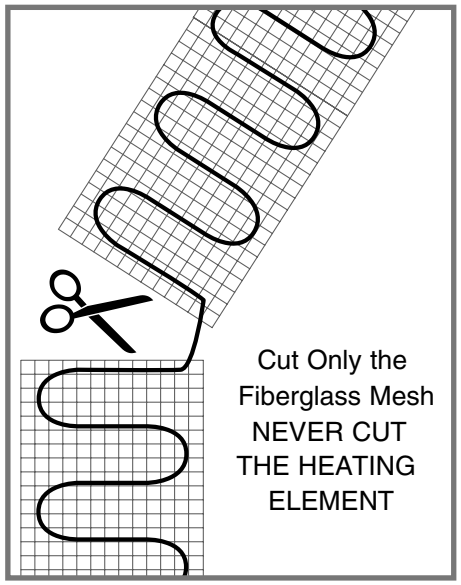
The resulting sections are called panels.

Photo C



To release the required amount of heating element for a free form area first make the two straight cuts and then carefully cut the polyblend thread and remove it.

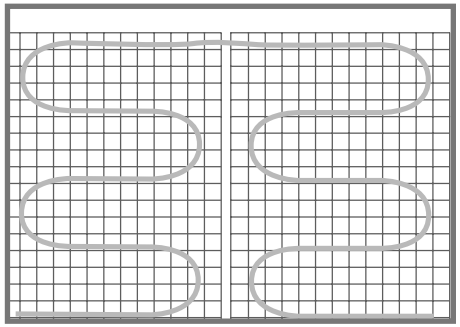
Cut & T urn



By cutting Only The Mesh (see Photo A) you can move the remaining section of heating roll in a new direction by doing this you are creating what are now referred to as "panels." (see Photo B). This is the first step in any turn or alteration of the Heating Rolls.

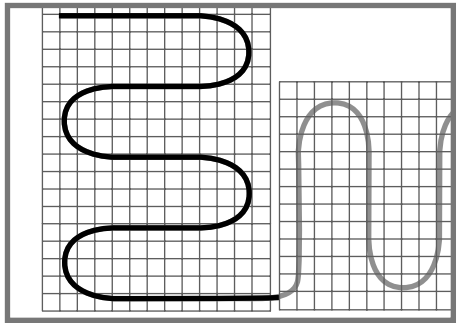
A turn is indicated on the installation plan by an arc with an arrowhead. By examining the relationship between two panels you will determine the type of turn needed.

U Turn (180)



Make a Straight cut and then slide the balance of the panel around and head back in the opposite direction. Your plan will tell you exactly where to make your cuts.

Flip Over Turn (90)



Make a Straight cut and flip the section over so that the Element is now above the Mesh and continue in a perpendicular direction. Use the installation plan to determine the exact location for the cut.

Flip Over Turn (180)

This is the same as a U Turn, where the new direction is 180° (opposite) from the original one but, the new panel is flipped over so that the wires are now above the fiberglass mesh.