WARMLY YOURS
MAKING COMFORT EASY

CUTS AND TURNS

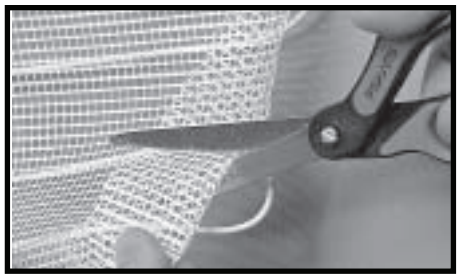
Part 1

The complimentary installation plan is very important. It illustrates the correct placement of your warming system for safety and optimal efficiency. The plan also serves as a useful reference for any future inspections or remodeling. The system's warming cable is sewn in a serpentine pattern onto lengths of fiberglass mesh forming a roll. This design enables you to cover large areas quickly and easily.

Your plan shows you where any modifications to the roll are needed. Modifications are easily accomplished by cutting through the fiberglass mesh backing (NOT the warming 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.

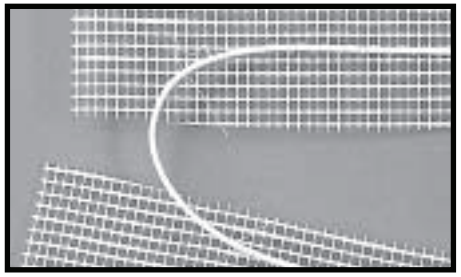
Very small or oddly shaped areas are called "free form spaces". Sections of the mesh fiberglass backing are removed in order to release the appropriate length of warming cable to fill these spaces (See Photo C). This "free cable" is placed in areas that can not accommodate the warming system panels because of the area's size or shape. "Free cable" is also used to make "step turns" possible, as long as correct spacing is observed (See Step Turn).

Photo A



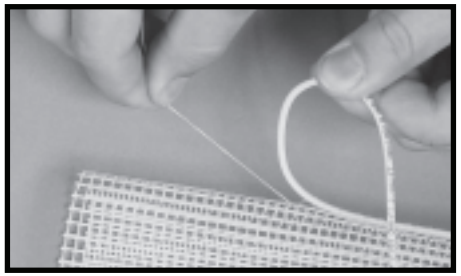
Never Cut the Warming Cable – Lift and separate the mesh away from the cable and cut through the mesh only.

Photo B



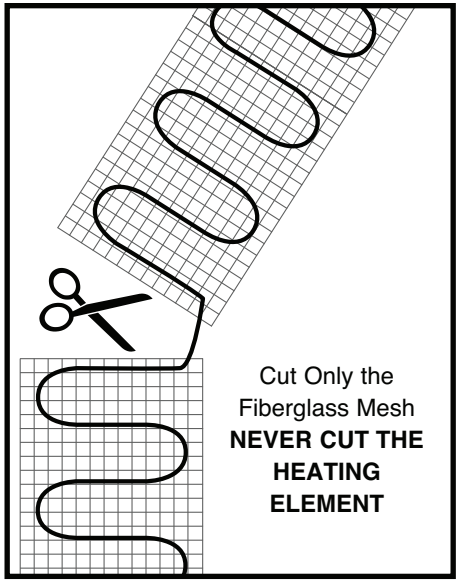
Creating "Panels" – Make a single cut through the entire width of the mesh to create a "panel".

Photo C

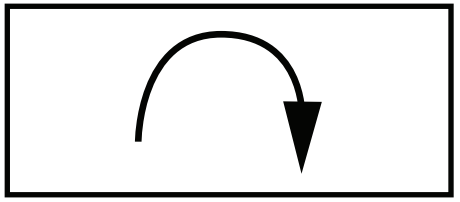


Creating "Free Cable" - To release the warming cable necessary for the "free form space", make the two straight cuts and then carefully cut the polyblend thread to remove it from the fiberglass mesh.

Cut & Turn

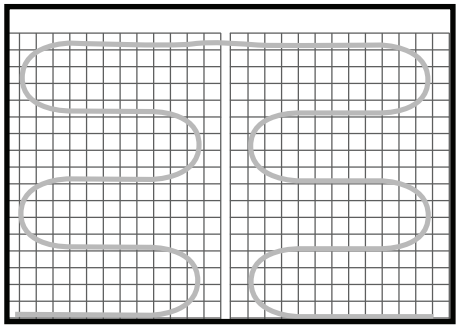


Making the Cut - By cutting only the mesh (See Photo A), you can move the remaining section of warming system roll in a new direction. Doing this allows you to create "panels." (See Photo B). This is the first step in any turn or alteration of the warming system.



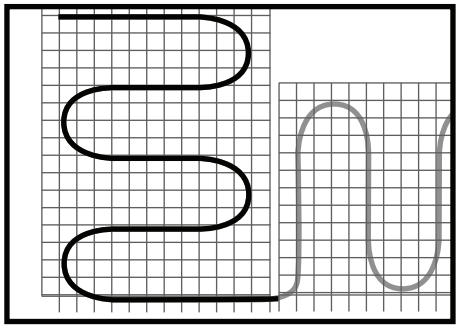
Making the Turn - A turn is indicated on the installation plan by an arc with an arrowhead. By examining the relationship between two panels you will be able to determine the type of turn needed.

U Turn (180˚)



Making the U Turn - Make a straight cut through the mesh and then slide the balance of the panel around and head back in the opposite direction. When making the turn, keep the cable face down towards the floor. Your plan will tell you exactly where to make your cuts.

Flip Over Turn (90˚)



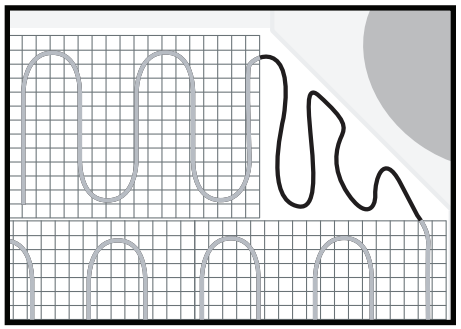
Flip Over Turn – Make a straight cut and flip the section over so that the warming cable is now face up on the mesh. Continue in a perpendicular direction. Use the installation plan to determine the exact location for the cut.

Again, we strongly recommend that the "panel" be flipped over at the next turn so that the cable faces down toward the floor.

WARMLY YOURS
MAKING COMFORT EASY

CUTS AND TURNS
Part 2

Free Form

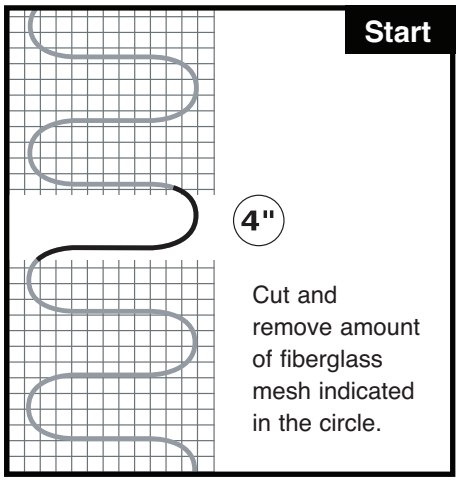


"Free Form Spaces" - These spaces are filled with loose lengths of warming cable and are used when the space is small or oddly shaped.

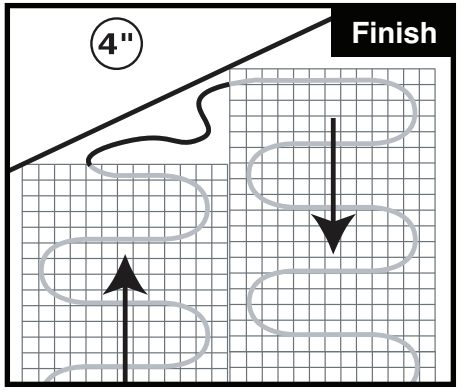
A wavy line with an arrow will appear on the installation plan to indicate the area that requires "free cable". This symbol is accompanied by a unit of measure in a circle that will indicate the amount of fiberglass mesh to be removed.

Once the polyblend thread is cut allowing you to release and separate the warming cable, remove the mesh and position the warming cable by hand. Secure it to the floor with glue or tape. Do not staple the cable. Try to maintain the 2 inch spacing between the cables as it exists on the "panels".

Step Turn

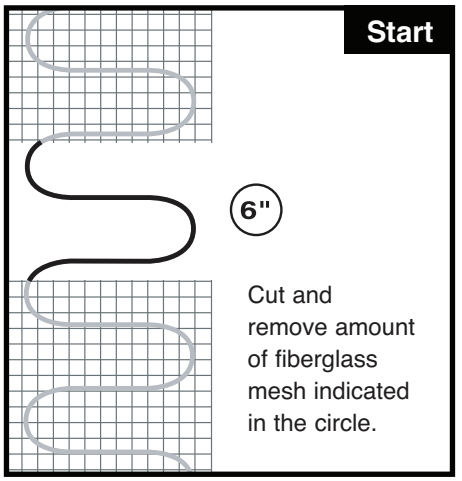


Step Turn - Cut and remove the amount of fiberglass mesh indicated in the circle and then make a U turn (See below). The released warming cable is then placed in a free form manner in the stepped gap. (See also Free Form).

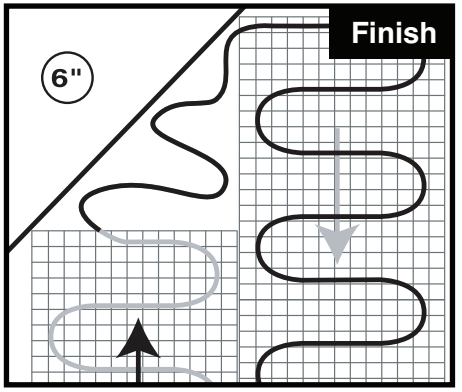


This is the most popular way to do a step turn because it keeps the warming cable facing downward towards the floor, facing down. This offers some protection to the cable during floor covering installation.

Step Turn With Flip Over

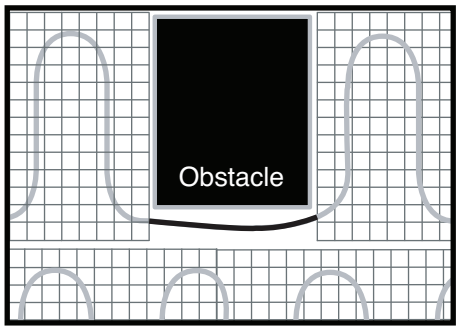


Step Turn with Flip Over - Cut and remove the amount of fiberglass mesh indicated in the circle and make a 180˚ flip turn (See below). The released warming cable is placed in a free form manner in the stepped gap. (See Free Form)



Some installations will require a "panel" to be placed with the cable facing up. We strongly recommend that the "panel" be flipped over at the next turn so that the cable faces downward towards the floor.

Working Around Obstacles



Special circumstances will require that the warming cable circumvent an obstacle. In this instance, the released warming cable is not needed to fill an area, but to simply continue the circuit.

Experience is the key

As you begin to work with the warming system panels you will become more comfortable with the product. The ultimate goal is to keep even spacing of the warming cable and to maintain the integrity of the electrical circuit.