

## EXCAVATION

Remove sod/dirt to a depth of 4". Slope the soil sub base in a direction you wish water to drain

## BASE CONSTRUCTION

Lay down landscape fabric over entire project area. Place 4 inches of  $\frac{3}{4}$  inch road base over entire area. Rake evenly, water thoroughly and compact with a plate tamper. Be sure there are no low spots and rocks sticking up as everything should be fairly smooth. Take note, if there are drainage issues, you may want to excavate 6 inches and apply 2 inches of  $\frac{3}{4}$  inch clear crush before your road base. This will allow the water to move easily. Also leave a  $\frac{1}{2}$ " lip against any hard scape such as patios and drive ways. This will allow something for the grass to butt against.

## SURFACING

Lay artificial grass over project area. Preferably keep fibers facing same direction (never opposite direction. 90 degrees is okay).

## SEAMING

Cut off factory edge one tuft in on the two pieces being seamed together. Try and line seams up as best as possible. If you have to, cut one piece of turf to the other getting the backing of both pieces as close as possible to one another without overlapping.

Lay seam tape half under one piece and half under the other. Fold turf away from seam and pour glue. Spread glue evenly with a  $\frac{1}{8}$ " notched trowel. Let glue sit for 3 minutes. When laying pieces back down, bring them together at the same time. Be careful not to bury any fibers or get glue on the fibers.

Nail seam every three inches on both sides with 4" galvanized spiral spikes. Be sure not to bury any fibers or create any indentations in the base.

## SAND-FILLING

Empty 20/40 silica sand bags into a wheel barrow. With a flat headed shovel spread the sand around as evenly as possible. One shovel head should do 2-3 linear feet. Use a power broom or a stiff-bristle broom to drop the sand into the fibers. Run the broom in the opposite direction that the fibers are laying and it will drop the sand in and stand the fibers up.

Do another lighter "touch up layer" to thicken the sand in-fill and even it out at the same time. Get the fibers standing straight up so that there is no more direction to it. You should apply about 2-3 lbs of sand per square foot, depending upon the type of turf.

