



Artificial Turf Installation Guide



Step by Step Installation Guide

Synthetic grass installation can be basic, however, no two synthetic grass installs are done exactly the same way.

There will always be unique situations for each install, however, there are basic differences for specific synthetic grass needs.

A typical synthetic grass installation can last anywhere between one to three days.



Step one: Pre Installation



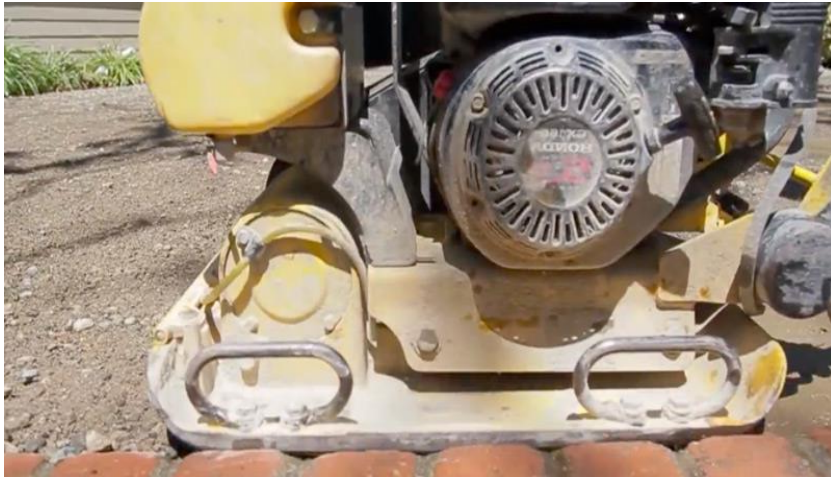
- Remove existing materials and rough grade the area to create a solid sub base.
- Rough grade the area to uncover everything underneath, including electric wiring, irrigation and pipes.
- Cap sprinklers at the pipe level to avoid any kind of leakage.
- Install bender board to provide a clean separation for plants and turf.

Step two: Base Preparation



- Install ½" or less crushed base to allow for proper drainage.
- Install this layer two to three inches deep. Distribute base and make sure it is level to account for any sloping areas.
- A smooth base will account for the surface level appearance for the project.

Step three: **Compacting Base**



- Compact base by vibrating, tamping and rolling the gravel.
- This ensures the base is solid so nails can be driven into the turf.

Step four: **Weed Barrier Layer**



- The weed cloth layer prevents any growth from coming up out of the base through the turf.
- Overlap weed cloth edges by six inches and secure with as many flat head nails as possible to prevent the cloth's movement.
- Trim the cloth to fit the area and leave a quarter inch gap along the hardscape or border areas to allow for easier tucking.



Step five: Laying Turf & Seaming



- Find a straight edge of the turf or a perpendicular edge for alignment.
- Square to fit the area and minimize cutting and fitting on all four sides.
- Secure the turf edges with nails to hold it in place.

*Remember to soldier the turf towards your privileged viewpoint, in other words, consider the natural blade direction of the grass

Step six: Custom Fitting Turf



- Over cut the turf by one inch along the edges to provide excess turf necessary for tucking. If there are doubts, cut the turf fatter than estimated as it can be trimmed later.
- Use a seaming tool to seam edges together. Cut the seams in an S-shape to avoid the turf pushing up.
- Install nails ever six inches along the edges and drive them $\frac{3}{4}$ of the way down. Remember to move the surrounding fibers with another nail or staple, then tap the nail head all the way to the backing. Use U-shaped nails for the seams to join the turf edges together

Step seven: **Securing Turf**



- Install nails every six inches along the edges and drive them $\frac{3}{4}$ of the way down.
- Remember to move the surrounding fibers with another nail or staple, then tap the nail head all the way to the backing.
- Use U-shaped nails for the seams to join the turf edges together

Step Eight: Apply Infill



- Use a power brush to force grass blades up in order for infill to be applied.
- Apply your specified infill layer.
- The infill layer acts as a balance to hold the blades upright and provides the turf with more weight.
- 1 to 2 pounds of infill should be applied per square foot.



Step Nine: Final Groom



- The final grooming step involves power brushing the turf once again, lightly, to force the Infill granules into the base of the turf for settling and optimal stability.
- Follow up the process to remove any excess debris.

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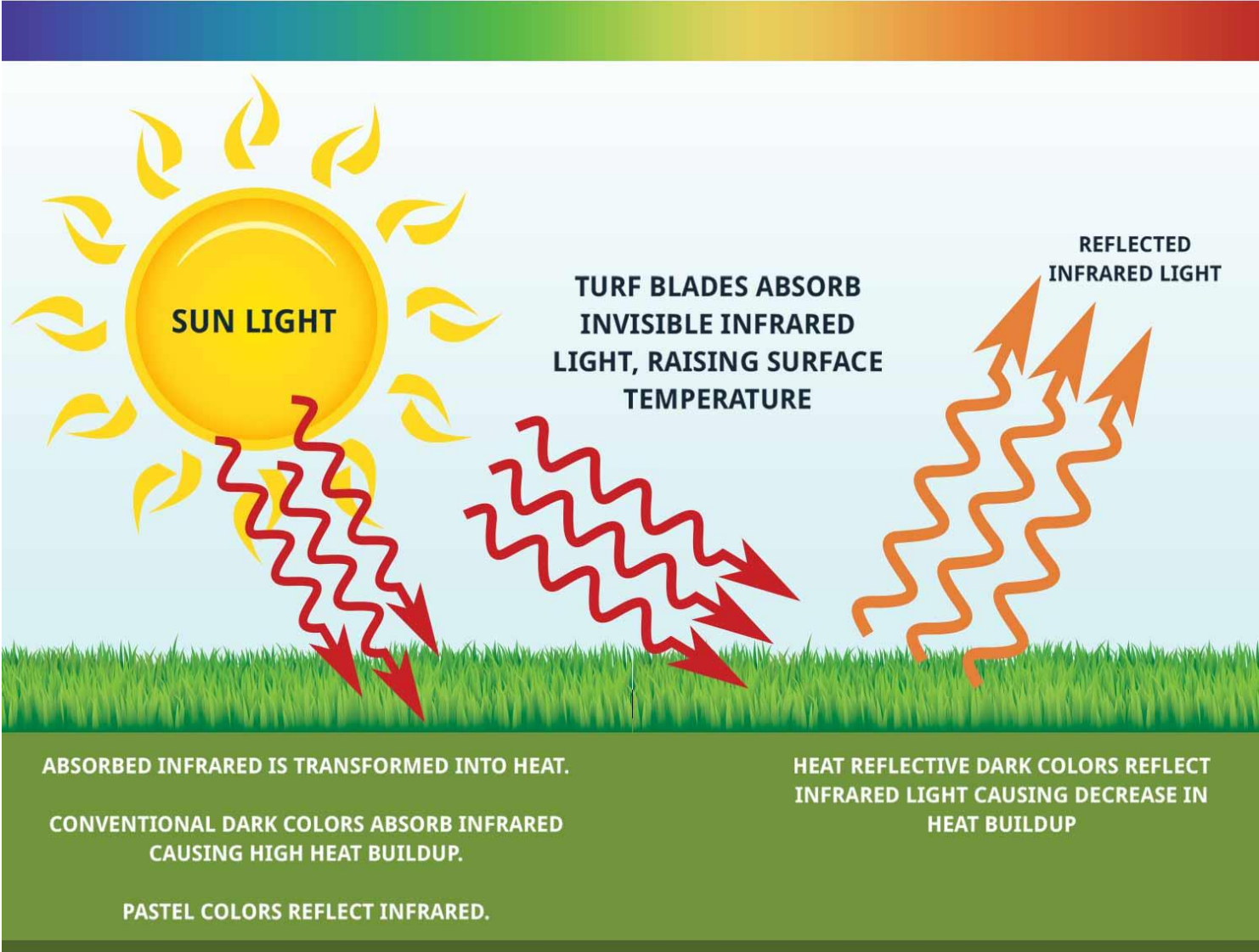
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