



Recommended Urethane Carpet Style Turf Installation

Pre Installation

1. Concrete should be patched, smooth and level (consult a concrete finishing company if it isn't)
2. Sweep and clean surface with wet mop and let fully dry.
3. Remove any oil spots before spreading glue
4. Full glue down is the recommended method for professional installation. Seam glue downs may be performed at your own risk. Wrinkles and bubbles may form without full glue down.

Seam Cutting

5. Roll all turf out full length for at least 12 hours before installation to let it expand in temperature and humidity.
6. **DIFFICULT TASK: Cut Skrim off edges of turf**
Carpet/flooring professional required. Expect this to take a long time.

The excess felt/skrim MUST be cut off of the turf if you did not pay additional fees for this service to be performed prior to shipping.
7. **Cut the seams straight on both side of the turf. Due to the thickness of the turf, overlap/cutting method will NOT work. You need to chalk a perfectly straight line on the ground, lay the turf down perfectly straight and hand cut the seams.**
8. Dry Fit the Turf. Once the seams are cut and straight. Position turf and perform any final detail/trimming cuts prior to gluing so turf lays flat around poles, walls, etc.
9. NOTE: If you are using urethane based adhesive, you should expect some minor shrinkage on the turf rolls as it cures. You may prefer to save final length cuts for after glue is cured if you have the option to do so.

Laying the Turf (4-6+ people required)

10. Place turf in final position WITHOUT glue.
11. Mark a line around turf perimeter and mark center of each seam (so you know where seam is after turf peeled up)
12. Ensure all seams are tight and make any position changes or cuts prior to gluing. The turf will not move easily once laid into the glue. Minor Seam closures occur with knee kickers and crab stretchers.

Start from Center Roll of Turf Floor, Work Outward

13. Using several people spread out over the seam length, peel each side of the turf seam back about 5' and fold it back evenly without wrinkles. BE CAREFUL not to shift the turf out of position in this process.
14. Pour the glue and trowel the adhesive down center of seam. Work out to about 5' on each side of the seam. As close to the turf as you can get.
15. Urethane Adhesives: Urethane glues are thick must be troweled. Use a 3/16" v-notch trowel for urethane adhesives.
16. Roll 1: Using 4-6 people; pick up 1 side of the turf you folded over. Working FROM THE CENTER OUT.
Lay it back over into the glue, being CAREFUL that it doesn't flip over turf side down anywhere on corners. Smooth any wrinkles/ripples.
Roll 2: Perform the same procedure on the 2nd roll on this seam, ensuring that the turf is laid down and does not trap the fibers from Roll 1 under it as you place it into the glue.
17. Use carpet tools to ensure tight seam fit, crab stretcher, knee kickers, being careful not to tear turf/carpet with too much pressure.
18. Smooth out with a 100lbs pound roller. Sod rollers are acceptable, but watch that they do not leak. Plastic is preferred due to rust on the steel rentable rollers. Smooth out all air pockets, bubbles. Continue to check seams for good fit.
19. If there are any bubbles where the glue was too thin or not sticking, use a wood flooring/large syringe to inject glue through a small slice in the turf. Weight area down after applying additional glue spots under turf.
 - a. If any gaps are left in seams, you can patch a thin strip of turf into gap with glue. Do not attempt to pull carpet up if glue is drying for more than 10-15 minutes, it will can tear the backing from the turf.
 - b. Remember, Dow Urethane is air tight and it could take the glue 2 days to dry. Air pockets could appear at any time. Do not leave the jobsite until glue is dry.

Adhesives

Note: Adhesives must always be matched to site conditions; including moisture vapor drive, temperature and other site considerations

Example Situation #1: Full Glue Down in General/Easy Conditions

Easy Install Site: Installation conditions are warm/dry/normal weather over concrete in good condition. 60 degrees or warmer without existing/standing moisture issues.

Adhesive: Roberts 6700 Indoor/Outdoor Carpet Adhesive

Advantages: Inexpensive, spreads well, will cure and have excellent indoor/outdoor strength if given full 48 hours to cure.

Disadvantages: Sensitive at time of installation to moisture and temperature boundaries; may not cure properly if conditions are ignored

Example Situation #2: Full Glue Down in Moderate/Difficult

Moderate/Difficult Install Site: Installation conditions are cooler, moisture conditions may exist over concrete in smooth condition, but potentially have some moisture issues. Temperature may be below 60 degrees,

Adhesive: Nordot 34N-2

Advantages: Powerful solvent-based adhesive; instant bond, will cure in most environments regardless of temperature or moisture.

Disadvantages: Expensive, hazardous material (requires respirator) and has almost no work time. The bond is nearly instant.

ADHESIVE WARNING:

Always read adhesive specifications and MSDS on all adhesives. Customer/Installer is fully responsible for selecting the correct adhesive for the installation. Adhesive recommendations are given are examples and must be reviewed by installer.