

## SYNTHETIC TURF INSTALLATION GUIDE

1. **Mark Off the Installation Area.** Using an outdoor spray can marker, mark off the boundaries for your lawn. Remember that Grass comes in 3.7m widths. Plan your installation with this in mind, to have as few seams as possible with your layout.
2. **Remove Existing Sod and Landscaping.** Use a manual shovel, a petrol powered turf cutter (you can rent one at most rental centres), bob cat or have a local landscaper remove the existing sod and any landscaping you want removed from your installation area.
3. **Close the Sprinkler System.** Your Synthetic lawn won't need watering. If you have a sprinkler system in the installation area, cap the sprinklers and turn off their valves.
4. **Compact the Existing Ground.** You need to fully firm up the ground that will be the foundation of your Synthetic lawn. The only really good way to do this with a vibrating plate compactor, which you can rent from most rental centres or a heavy roller.
5. **Lay the Sub-Base.** Lay down a top 50mm of Crusher Dust or other suitable compactable aggregate then compact with a plate compactor or a heavy roller. Ask your local nursery, rock yard or Salesman what material local landscapers use under paving bricks and similar project and use that material. With this sub-base, your goal is only to make your base firm and level and plan a gentle slope to your storm water drain.
6. Lay an additional 20mm of Crusher Dust or other suitable compactable aggregate as in step 5.
7. **Spread, and then Compact the Sub-base.** Use the vibrating compactor or heavy roller again to firmly compact the sub-base.
8. **Check for Surface Depressions.** You should fill in and re-level any based depression that is more than 15mm deep. Even though Synthetic Grass drains water vertically through drainage holes built into it, we also suggest giving the base a very slight slope, away from any buildings, towards your storm water drain to avoid any pooling at all.
9. **Roll Out the Grass.** Position your lawn strip-by-strip and be as accurate as you possibly can be. Be sure you don't cut off any turf that you actually need!
10. **Cut the Grass to Size.** Use a very sharp blade in a quality utility knife. First, to make the turf easier to handle, cut off larger pieces of excess material. Then make sure the turf is still properly positioned where it needs to be and trim the edges more precisely.
11. **Seam the Grass.** Where two pieces of Lawn meet, you will need to make a seam. You can use outdoor turf/ flooring glue and landscape fabric to seam your Synthetic lawn. Follow the instructions on the label of the glue. You can find these supplies at most larger DIY or Flooring centres. Because synthetic grass has a relatively high blade height, seams are much less noticeable than what you might expect and certainly less noticeable than on pile carpet. You can also hire a local synthetic turf or carpet installer to help you for a few hours with this part of the project (although that's not usually necessary).
12. After the seam glue has dried, trim off your grass around the edges using a utility knife and the aid of scissors or carpet trimmer so your lawn fits exactly as you want.
13. Then, using the standard seed-drop spreader, apply the infill. The average infill amount is usually 10kgs of clean dry river sand per SQM. The infill helps weigh down the turf down and stabilise the fibres to keep them upright and prevent matting. Rubber crumb can also be added for a softer feel under foot. Approx 4kgs per SQM of rubber. Rubber is not recommended on a sloping surface. As you spread the infill, make one entire pass on the on the surface of your new lawn and then sweep the infill deeply into the fibres. Then repeat this process until all of the infill has been spread and fallen in between the Synthetic blades.
14. **Optional Edging.** Depending on your yard and your landscape concepts, you might install edging around your new lawn. Options are incredibly varied and include extruded curbing, timber, natural stone, rock, metal edging and plastic edging. If you are not going to apply an edging, we suggest you hammer regular landscaping nails every 400mm along the perimeter of your Synthetic lawn to prevent the edges from lifting.
15. **Enjoy your New Synthetic Lawn!**