

Installing Synthetic Grass on Soil

Preparing the base

- 1) Remove all grass and other unsuitable material (anything that will break down or compost) from the area you wish to cover.
- 2) For the best result it is preferable to have a levelled, compacted surface for the grass, depending on how perfect you need the job to be. Approximately 40mm – 50mm depth of crushed rock base should be installed and compacted to provide a firm base. Finish with approximately 10mm of crusher dust or packing sand for the best finish.
- 3) If possible, have the base sloping down slightly towards a garden bed etc to assist water to run off after rain. Drain away from any buildings. The grass can be perforated for vertical drainage.

Laying the grass

- 1) Cut grass to required sizes and shapes using a Stanley knife or similar. Allow extra if possible to trim around irregular edges. If using more than one piece of grass, try to ensure the pile of the grass is running in the same direction.
- 2) Lay grass out as required prior to joining. Move pieces together as they will finally sit. To join two pieces of grass together, fold back both pieces to approximately 40cm to allow space in between the pieces, ensuring you don't move grass as you do this.
- 3) Lay the joining tape on the ground between the pieces – best done by nailing one end into the ground (use galvanised nails, 75-100 mm long with flat head). Roll out the tape and pull it tight, then nail the other end to the ground. Put nails along length of tape on each side – approximately one every two metres, starting with the middle one.
- 4) Apply synthetic grass adhesive or Liquid Nails liberally to the joining tape. Ideally use a 3mm trowel to do this. Place one side of the synthetic grass onto the joining tape, then fold the other over, ensuring the pieces are neatly placed closely against each other. Ensure the grass fibres are not pushed into the glue. While grass is drying, you could weight it down. Run a stiff bristled broom lengthways along the join to improve adhesion.
- 5) If desired, use turf pegs around the perimeter of the synthetic grass, approximately one every half metre. (If using sand infill, pegs are not so important.)
- 5) If using longer pile grass, evenly cast sand with a shovel across the synthetic grass to desired depth (approximately 1/3 of grass pile height). Do this carefully, layer by layer. Broom the sand infill in with a stiff bristled broom or plastic garden rake, going against the direction of the pile. If rubber infill is required, apply this in the same way as you spread the sand.