



Step-by-Step Artificial Grass Installation Guide for a New Build Garden

1. Measure and Plan the Area

Start by measuring the size of your garden to calculate how much artificial grass and base material you will need. Planning the layout in advance also helps minimise seams and waste. For the best finish, try to lay the grass so the fibres face the same direction across the whole lawn.

2. Remove the Existing Surface

If the garden currently has turf, weeds, or loose soil, remove the top layer to a depth of around **75–100mm**. This creates space for the base layers that support the artificial grass and ensures a level, long-lasting installation.

3. Install a Weed Membrane

Lay a **weed control membrane** across the entire area to prevent weeds from growing through the artificial grass. Secure the membrane with landscaping pins to keep it in place before laying the turf.

4. Install a Solid Sub-Base

A strong sub-base is essential for a durable artificial lawn. Spread a layer of **Type 1 MOT crushed stone or similar aggregate** across the excavated area. Compact the material thoroughly using a vibrating plate compactor to create a stable foundation for the lawn.

5. Add Granite Dust Layer

Next, apply a **20–30mm layer of granite dust** (grano) over the compacted sub-base. This layer helps create a smooth and level surface. Compact and screed the sand carefully so the area is flat and well prepared for the artificial grass.

6. Lay the Artificial Grass

Roll out the artificial grass across the prepared base and allow it to settle (overnight if possible). If multiple pieces are required, ensure the fibres run in the same direction before trimming the edges to fit the garden shape.



7. Join the Seams

If two sections of artificial grass need joining, use **jointing tape and outdoor adhesive** along the seam. Press the edges together carefully to create a neat and almost invisible join.

8. Secure the Edges

Fix the artificial grass around the perimeter using **galvanised nails or landscaping pins** spaced approximately every 150–200mm. This keeps the lawn firmly in place and prevents movement over time.

9. Brush and Finish the Surface

Finally, brush the artificial grass fibres upright using a stiff broom or power brush. This gives the lawn a natural appearance and helps distribute the infill if used.

Pro Tip:

For the best long-term results, ensure the base is fully compacted and level before laying the artificial grass. A properly prepared base is the key to a professional, long-lasting finish.