



How to install Artificial Grass

Installation Guide



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→← Step 1

Remove Existing Turf



Depth:

Remove the existing turf and topsoil to a depth of 40–80mm.



Tools:

Use a spade or a mechanical turf cutter for larger areas.

Turf cutters are available for hire at most local tool centres and can greatly speed up the process.



Disposal:

Properly dispose of the turf and soil in a skip.



Compaction:

Compact the ground with a wacker plate or lawn roller to create a firm, level surface. This step is crucial for ensuring a solid foundation for your artificial grass.





→← Step 2

Edge the Area (Optional)



Fixed objects:

If your area is bordered by structures like a patio, fence, or wall, additional edging may not be necessary.

For new areas: You'll need to install edging to contain the sub-base. Common materials include treated timber battens, sleepers, aluminium or metal edging, concrete, or brick.

Edging installation: Always install edging before the sub-base. For precise edges around curves, consider using concrete haunching, finished 10-15mm below the desired level to allow for grass installation.



→← Step 3

Add Aggregate



Sub-base material: Fill the area with preferred aggregate.

Depth: Ensure the aggregate sits 30-35mm below the perimeter edgings.

Compaction: After spreading the material, compact it using a wacker plate. This prevents future sinking or movement of the lawn.

Chamfered finish: Create a chamfered edge around the perimeter for a clean finish.



→← Step 4

Add Sand/Grano Dust

Layer: Top the sub-base with a 10-20mm layer of sharp sand or grano dust. Grano dust is more stable, drains better, and is less likely to hold moisture or odours, making it ideal for pet owners.

Profile: Create a crowned surface by raking the sand or grano dust evenly, giving a more natural look and allowing for slight future settlement.

Compaction: Compact the sand/grano layer using a wacker plate again.

Depth: Keep the top of the sand layer 20mm below the top of the edging for a neat fit.



→← Step 5

Add a Membrane Layer

Weed prevention:

Lay a weed membrane to prevent weeds from growing through your lawn while still allowing water to drain.

Installation:

Roll out the membrane across the entire surface, making sure to overlap the edges slightly. Use galvanised nails or garden pegs to secure it in place.

Trimming:

Trim the excess membrane with a sharp Stanley knife to fit the area perfectly.



→← Step 6

Roll Out the Artificial Grass

Preparation: Unroll your Modern Lawn Artificial Grass and position it carefully over the base without disturbing the weed membrane.

Pile direction: Ensure that the pile faces towards the main viewpoint (e.g., towards your house) to give the lawn a fuller and more natural appearance.

Settling: Leave the grass to settle for at least 24 hours. This helps remove any wrinkles or creases caused during transportation and storage.

Batch matching: If using multiple rolls, ensure they are from the same batch to avoid colour variations. Always check the product thoroughly before installation.



→← Step 7

Trim the Artificial Grass

Cutting: Trim the excess artificial grass along the edges using a sharp Stanley knife. Cut from the underside of the grass for a clean edge.

Knife care: Change the blade frequently for neater cuts. This will help you achieve a seamless fit along the edges.

Safety: Wear protective gloves when handling the knife to avoid injury.





→← Step 8

Secure the Artificial Grass

Timber edges: If timber edging is used, hammer 40mm galvanised flat-head nails into the perimeter every 15-20 cm to secure the grass in place.

Concrete edges: For concrete haunching, use **Adhesive** to fix the grass securely, pressing down the edges by hand to ensure a strong bond.

U Pins: For soft ground, secure the edges with U Pins spaced every 15-20 cm, and ruffle the pile to hide the pins.

Cutting around obstacles: When trimming around trees or posts, cut carefully from underneath to avoid damaging the grass fibres.



→← Step 9

Brush Up the Pile

Lifting the pile: After securing the grass, brush up the pile using a stiff broom or mechanical power brush. This will lift the grass fibres and remove any flattening from storage.

Optional Sand Dressing: For high-traffic areas or commercial installations, apply 5-8 kg of kiln-dried silica sand per sq. metre for added stability and fire resistance. Brush it evenly into the grass for a smooth, stable finish.



→← Step 10

Share Your Installation

Show it off: Congratulations on completing your artificial grass installation! Now, it's time to share your impressive work with us.

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Tips for Success:

Plan and measure: Proper planning and accurate measurements ensure a smoother installation.

Sharp tools: Always keep your Stanley knife blade sharp for clean cuts.

Take your time: Rushing can lead to mistakes, so go slowly to ensure a high-quality finish.

Hire a professional: For larger or more complex projects, consider hiring a professional installer to guarantee long-lasting results.

