Synthetic Turf
Installation & Maintenance Guide

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Note: Australis Grass Zoysia, Kikuyu, Ever Lush and Sure Putt are non-infill products — no sand or rubber infill is required except in very concentrated traffic areas.

Australis Grass synthetic turf is engineered to deliver durability, aesthetic appeal, and reduced maintenance compared to natural grass. When installed correctly and cared for regularly, your turf will maintain its appearance and performance for years to come. This guide covers both installation and ongoing maintenance in a single reference document.

Part 1: Installation

Materials Required

- Synthetic grass (Australis Grass — no infill required; one roll width only, 4m or 2m)
- Weed control matting (Geo Fabric)
- Crushed rock or road base (sub-base)
- Crusher dust or fine aggregate (levelling)
- Synthetic turf adhesive or joining tape
- Pegs or landscape nails
- Utility knife
- Stiff broom or plastic rake
- Compactor (optional but recommended)
- Tape measure
- Garden hose
- White vinegar, Epsom salts, and liquid detergent (natural weed solution if needed)

Roll Widths: Don't Mix 4m and 2m Rolls

Australis Grass turf is supplied in two roll widths — 4 metres and 2 metres. Rolls of different widths should not be mixed within the same installation.

The 4m and 2m widths are made at different times or on different looms. So even where rolls of both widths could in theory be called the same production, their colour and texture may not match exactly. If you choose to combine 4m and 2m rolls in one installation, an exact colour and texture match cannot be guaranteed.

Before ordering, measure the area and plan your layout around a single roll width, then order enough of that width to complete the whole job.

Step 1: Prepare the Area

1. **Mark the Area:** Outline the installation area using spray paint, string, or a garden hose to clearly define the space.
2. **Remove Existing Grass and Soil:** Clear all existing grass, weeds, and vegetation. Dig to a depth of 70–100mm (7–10cm), adjusting based on drainage conditions.
3. **Ensure Good Drainage:** Check the drainage of the area. If the soil retains water, dig deeper or install a drainage system before proceeding.
4. **Compact the Sub-base:** Spread a 60–80mm layer of crushed rock or road base over the area. Compact thoroughly to create a stable, level surface that will prevent movement or unevenness after installation.

Step 2: Install Weed Control Matting

5. **Lay the Weed Matting:** Roll out Geo Fabric weed control matting across the entire prepared area. Overlap edges by at least 100mm to eliminate gaps where weeds could penetrate.
6. **Secure the Matting:** Fix the matting in place using pegs or landscape nails every 1 metre around the perimeter and through the centre to prevent shifting during turf installation.

Step 3: Install the Synthetic Grass

7. **Position the Turf:** Roll out the synthetic grass over the prepared area and choose your fibre direction before cutting or fixing anything. All sections across the entire installation must run in the same direction — fibres pointing in different directions will create a patchy, uneven appearance that cannot be corrected after installation. Allow the turf to rest for a few hours so any wrinkles can relax before trimming.
8. **Trim the Edges:** Use a sharp utility knife to trim edges to fit the area. Work conservatively — minor adjustments can always be made later.
9. **Join Turf Sections (if required):** For large areas requiring multiple sections, this is critical: every piece must be laid with fibres running in exactly the same direction as the rest of the installation, and every piece should come from the same roll width — do not join 4m and 2m rolls together (see Roll Widths before Step 1). Lay pieces side by side, double-check fibre direction before joining, then apply synthetic turf adhesive or joining tape beneath the seams and press edges firmly together for a seamless join.
10. **Secure the Turf:** Fix the turf around the perimeter using pegs or landscape nails approximately every 400mm to hold it firmly in place.

Step 4: Final Touches

11. **Brush the Grass:** Use a stiff broom or plastic rake to brush the turf fibres upright, working against the direction of the pile for the most natural appearance.
12. **Water the Area:** Lightly water the turf with a garden hose to help it settle and aid compaction of the sub-base layers beneath.

Step 5: Weed Prevention

To prevent airborne or bird-dropped seeds from taking root, sweep or rake the turf regularly. If weeds appear around the perimeter, remove them manually. Where herbicide is preferred, choose a pet- and child-safe option such as Yates Zero Rapid. A natural alternative of white vinegar, Epsom salts, and liquid detergent can also be effective without chemicals.

Part 2: Care & Maintenance

Routine care preserves your turf's appearance, drainage performance, structural integrity, and warranty compliance. The following sections cover all aspects of ongoing maintenance.

Routine Maintenance

Remove debris regularly using a leaf blower, soft broom, or plastic rake. Metal rakes must not be used as they can damage fibres. Rinse periodically with clean water to clear dust and airborne contaminants. Brush fibres against the pile direction to maintain an upright appearance, particularly in high-traffic areas.

Infill and Surface Stability

Australis Grass **Zoysia**, **Kikuyu**, **Ever Lush** and **Sure Putt** do not require sand infill. Each of these products is built to support itself:

- **Double SBR backing** — two layers of SBR latex lock the tufts in place and give the turf a stable, dimensionally firm base without needing sand weight on top.
- **High-density stitch rate** — the tufts are packed closely together, so the fibres support one another and stay upright under normal foot traffic.
- **Shaped yarn** — the profiled fibres are naturally resilient and spring back after being walked on, rather than relying on infill to hold them up.

Sand infill is only recommended where the turf will be used in a very concentrated traffic area, such as a main walkway, gateway or entry point that takes constant foot traffic. If infill has been applied for this purpose, inspect it periodically to ensure even distribution and replenish as needed to maintain fibre support and surface stability.

Weed and Edge Management

Inspect seams and edges periodically for weed growth. Remove weeds manually or apply a water-based herbicide approved for use on synthetic turf. Solvent-based and petroleum-based chemicals must be avoided as they can damage the turf backing and fibres.

Pet Use and Hygiene

Remove solid waste promptly and rinse the area thoroughly with clean water. Use turf-safe enzymatic cleaners to control odours effectively. For high-use pet areas, periodic deep cleaning is strongly recommended to maintain hygiene and turf longevity.

Seasonal Care

- Dry/dusty seasons: increase frequency of brushing and rinsing.
- Autumn: remove fallen leaves regularly to prevent matting and debris build-up.
- Frost conditions: allow the turf to thaw completely before brushing.
- Snow: use plastic tools only — never metal implements — if snow removal is required.

Heat Risk Management

Do not place BBQs, fire pits, or portable heaters directly on turf. Glass fencing, windows, low-E glazing, mirrors, metallic objects, and other reflective surfaces can magnify sunlight and create localised hotspots capable of melting synthetic fibres. Avoid leaving inflatable pool toys or reflective objects on the turf for extended periods.

Important: Heat-related damage caused by reflected or magnified sunlight is not a manufacturing defect and falls outside the Australis Grass product warranty. This does not affect your rights under the Australian Consumer Law (see Warranty & Your Consumer Rights below).

Weight Distribution and Surface Protection

Use outdoor furniture with wide, flat, non-sharp bases to distribute weight evenly. Avoid dragging heavy objects across the turf surface. Landscape-grade turf is not designed to support vehicle loads unless the product has been specified for that purpose.

Cleaning and Stain Management

- Light soiling: apply a 5% mild detergent solution, agitate gently, and rinse thoroughly.
- Heavier stains: a diluted ammonia solution (3%) may be used, followed by a thorough rinse.
- Avoid harsh solvents and high-pressure washing unless specifically approved by the manufacturer.

Drainage Integrity

Keep drains and edges clear of debris to ensure consistent water flow through the turf and sub-base. Persistent puddling after rain may indicate an installation or sub-base issue and should be assessed by a qualified installer.

Inspection and Repairs

Inspect seams and edges periodically for lifting or separation. Minor lifting can be repaired using approved adhesive systems. Significant or recurring damage should be assessed and repaired by a qualified turf installer.

Professional Maintenance

Professional deep cleaning is recommended every 12–18 months, particularly for commercial installations or areas that receive heavy foot traffic. This helps maintain fibre integrity, drainage performance, and overall turf appearance.

Warranty & Your Consumer Rights

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Any warranty offered by Australis Grass applies in addition to these consumer guarantees and does not limit or replace them. Following the care instructions in this guide helps keep your turf in good condition and supports any warranty claim; however, nothing in this guide reduces your rights under the Australian Consumer Law.

Maintenance records are recommended for commercial installations. For warranty queries or to make a claim, contact Australis Grass via australisgrass.com.au.