



Fiap Pty Ltd atf 3B Import Trust t/a KomboGrass
ABN: 93 377 539 721
2/15 Page St, Kunda Park, QLD 4556
Tel: 1300 4-KOMBO (56626)
Direct: (07) 5445 5201
Email. sales@kombograss.com.au
Website: <https://kombograss.com.au>

KomboGrass Care & Maintenance Guide

Warning: Radiated heat damage to the artificial grass is not covered by our warranty.

To avoid potential damage to your artificial grass, please ensure:

- *Radiated light and heat, such as from glass pool fences, plastic roller blinds, windows or other reflective surfaces are not near the area where the artificial grass will be installed. Glass and plastic bottles left on the grass surface can also damage the grass;*
- *Any underlay, such as black rubber matting installed under the grass has been certified for use under artificial grass (some black rubber matting can reach temperatures of +90 degrees celsius).*
- *Enclosed areas with limited ventilation can result in substantial increases in the overall temperature that can also damage the grass surface.*

Leaves and organic debris

Your KomboGrass yarn is manufactured from polypropylene and/or polyethylene and is fixed to the backing using a polyurethane glue. As KomboGrass does not require any sand (or rubber) infill, there is no sand base for weeds to grow in when the grass is initially installed. However, leaves and other organic materials that land on the grass surface will over time, break down and in the process, create an environment for weeds to grow in. Consequently, it is important to remove this material before it decomposes to minimise the chance of weeds growing.

The easiest way to do this is with an outdoor blower vacuum, soft bristle rake or outdoor broom. Without the sand or rubber pellet infill the only material you will collect will be the leaves and debris.

Dust, pollen and airborne pollutants

Rainfall will keep your grass clean. However, if there are long dry periods between rainfall use the hose with a broad spray nozzle to rinse the surface with water, never use a high power pressure nozzle as this will damage the grass. For any lightly soiled areas, you can use a sponge mop with a five (5) percent solution of low sudsing household detergent in hot water followed by a thorough rinsing with hot water. For heavily soiled areas, repeat procedure for lightly soiled areas and follow up using a sponge with a three (3) percent solution of household ammonia in hot water followed by a thorough rinsing with hot water.



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Chemical Spills

Artificial grass can be damaged by corrosive chemicals. In general, any chemical spill should be immediately removed and any remaining material diluted as per any relevant instructions for the given chemical. Apart from some acids, most chemicals can be diluted by water. Always check any safety guidelines and use eye protection, gloves and a mask if required.

Stains or Marks

Polypropylene and polyethylene are very difficult to stain or mark. However, in the event that the grass surface is marked, use water and diluted detergent (1 tablespoon per 2 litres of water) and a soft bristle broom, you can gently brush the area around the mark to remove it from the grass surface. If the stain is not removed by this method, determine (where possible) what has caused the stain. You may need to research alternative cleaning solutions. Never apply a chemical or natural cleaner to the grass without first testing on a small sample area. Many carpet cleaning products are suitable, just ensure you follow the relevant instructions and they are suitable for polypropylene and polyethylene materials.

For chewing gum, ice can harden the gum and make it easier to remove by hand, butter knife or other flat bladed instrument. Be careful to not pull the yarn (only scrape the gum) as pulling the yarn can damage the backing or break the fibers.

Oil, grease, shoe polish and sunscreen can be removed using mineral spirits. Wet a soft rag with the mineral spirits and gently rub the affected area. Be careful to avoid breathing in the fumes and remember the liquid is highly flammable. Never rub a section too hard as this can damage the yarn. When the stain is removed, wash the area with clean water.

Pet droppings

Please note that pet droppings will not damage your artificial grass. For any 'no 2's' pick these up as you would if in a public place and if necessary spray the area with diluted detergent (small 500ml container with about 2 tablespoons of detergent). A quick wash down with a hose will quickly keep the area looking as good as new. Pet urine over time can create odours. To reduce the odour you need to break down the ammonia. Vinegar diluted 50:50 with water can be used on any area to reduce the smell. But as a rule, if your lawn does not receive water regularly, giving it a quick hose down will help to reduce any buildup of ammonia. Baking soda is also suitable for reducing the smell from pet urine. While the grass is dry, sprinkle over the surface the baking soda in a similar quantity as you would if putting salt on your dinner plate. Leave the baking soda over night then either vacuum (preferred) or wash out the area the next day with a hose. There are also several commercial products that can be used to reduce pet smells from your lawn. See your local pet shop for details.



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Weeds

Fortunately, KomboGrass does not have any sand infill, so removing weeds is very straight forward. Where possible pull them out by hand or if required, spray with a suitable weed killer (but test the weed spray on a section of the lawn to make sure it does not damage the grass!). Borders between artificial grass and gardens or natural turf are required to stop weed growth. Some grass and weeds will quickly grow over the surface of the grass and in these cases, simply pulling up the weeds by hand is the most effective way to manage it.

It is important to remove weeds quickly where they form large bulb root systems, as these weeds can lift the grass and create uneven surfaces under the artificial grass. There are also certain species of weeds that are very difficult to remove. If you are unsure it is best to take samples of the weeds to your local nursery and receive expert advice on the most suitable treatment for the weed identified.

Mould and Bacteria

Although unlikely to occur in any well drained area, mould can be removed using diluted hydrogen peroxide (about 3% solution tested first on a small area). Similarly, any bacteria can be removed using a mixture of white distilled vinegar and an equal amount of water.

Burns

Artificial grass will be damaged by cigarette butts, hot ash from open fires or from BBQs. In general, keep hot materials away from the grass surface. The damage will be isolated to the area where the hot material lands, and as KomboGrass is fire resistant any material that does hit the grass will not spread any flame. But given the investment made in a new artificial lawn, it pays to take precautions and avoid any burns to the grass surface. In the worst case the section can be removed and patched. Where possible, keeping off-cuts of your artificial grass when it was installed is a good insurance policy if you intend to use an open fire pit in the future.

Grass Yarn

KomboGrass piles will naturally stand up straight. This is due to the high-density yarn and close stitch runs on the grass. When in full sun the grass will typically remain more upright, but in shady areas it can fall a little over time. You can use a hard bristle broom or synthetic bristled brush to help stand the grass yarn up by simply pushing the broom against the yarn direction. Unlike third generation sand infill grasses that require you to rake the lawn to keep the sand levels down, the yarn in KomboGrass **fourth generation** artificial grass will naturally



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stay more upright and as a great bonus, you never need to maintain sand levels in your new lawn, making it the lowest maintenance lawn on the market today.

U-Pins & Nails

When artificial grass is installed over crusher dust it is secured with U-Pins and nails. Never lift the grass or loosen these pins or nails, as they are holding the grass in place. Edges are usually bolstered in and again should not be lifted as this will void the installation warranty. If edges do lift you can insert additional u-pins or nails if required – but check for any pipes before putting them into place. KomboGrass will supply any additional nails or u-pins at no cost to our existing customers.

Base Subsidence

For the crusher dust or road base installed by KomboGrass, we provide a 12 month warranty against any subsistence. However, our warranty does not cover any sub-base sinking that may be the result of other works completed (such as inground pools, water pipes, electrical conduit etc where the back-fill compaction has not been completed properly). Over time, even a properly compacted base may show signs of some sinking which is very easy to rectify. In the event your base has subsided, simply remove any securing u-pins or nails from the area, then roll back the grass away from the area where the base has sunk.

Using either crusher dust or decomposed aggregate, sprinkle this material over the area that has sunk, level with a straight board or similar, then use a tamper (or a piece of timber is also suitable) to compact this material into the existing base. A small amount of water will help to keep the material moist and assist with it binding to the old base. Once the area is level to your satisfaction, simply roll back the grass over the repaired area and re-secure the edges.

KOMBOGRASS PROFESSIONAL MAINTENANCE SERVICES

If you are unsure about any of these steps please call our office for assistance, or alternatively, you can arrange for a service maintenance check from KomboGrass to rectify this for you.

KomboGrass provide a maintenance service where we professionally clean, vacuum, deodorise and undertake any other maintenance services, such as re-seam or secure edges etc. See our website for full details. We highly recommend this service is undertaken at least once every 12 months to ensure your KomboGrass always looks like new

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