



# D.I.Y. Synthetic Turf Pre- Installation Checklist

Installing synthetic turf for the first time?

Use this Checklist as a guide to work out the requirements of your DIY installation.

## 1) Tools Required: [O] = Optional

Ensure you have the following tools & equipment sourced:

- |                   |                          |                     |                          |                                       |                          |
|-------------------|--------------------------|---------------------|--------------------------|---------------------------------------|--------------------------|
| Calculator        | <input type="checkbox"/> | Measuring Tape      | <input type="checkbox"/> | Plate Compactor [O] / Tamper          | <input type="checkbox"/> |
| Can of Dymark [O] | <input type="checkbox"/> | Stanley Knife       | <input type="checkbox"/> | Power Broom [O] / Thick Bristle Brush | <input type="checkbox"/> |
| Hammer            | <input type="checkbox"/> | Wheelbarrow         | <input type="checkbox"/> | Post Hole Shovel [O]                  | <input type="checkbox"/> |
| Hose & Nozzle     | <input type="checkbox"/> | Square Mouth Shovel | <input type="checkbox"/> | Pressurised Spray Pack                | <input type="checkbox"/> |
| Weed Killer       | <input type="checkbox"/> |                     |                          |                                       |                          |

Projects with Joins or Seams:

- |                        |                          |                  |                          |
|------------------------|--------------------------|------------------|--------------------------|
| Spiked Seam Roller [O] | <input type="checkbox"/> | 6mm Notch Trowel | <input type="checkbox"/> |
|------------------------|--------------------------|------------------|--------------------------|

## 2) Dimensions of the Area

Measure and record the dimensions of the area you plan on transforming. Draw an accurate Diagram below.

Note: Standard Rolls width is 3.7m. Maximum length of a roll is 20m. **Scale is 1:100 (1 square = 1 m<sup>2</sup>)**



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### 3) Consider the Type of Application & Pick your Product!

Answer the following questions to help Tregea Landscaping staff determine the best product for you.  
Select one or more options.

Is it a busy foot-traffic area?	Heavy Use	<input type="checkbox"/>	Occasional Use	<input type="checkbox"/>	Rarely	<input type="checkbox"/>
Will Pets or Children use the area?	Frequently	<input type="checkbox"/>	Sometimes	<input type="checkbox"/>	Never	<input type="checkbox"/>
Will the area be used for Sports?	Frequently	<input type="checkbox"/>	Sometimes	<input type="checkbox"/>	Never	<input type="checkbox"/>
Will it be installed by a Pool Side?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		
Will it be installed on a Verge?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		
Will it be installed under Verandah?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		
Will it be installed on a Balcony?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		

Other: \_\_\_\_\_

Note: Products and further information can be found at <https://tregealandscaping.com.au/synthetic-turf>

### 4) Speak to a Professional

When you have determined the dimensions of your area & considered the type of application, submit an enquiry to Tregea Landscaping. Our team will be able to help you finalise the remaining details and provide you with a suitable product recommendation and pricing. Diagrams are best scanned & emailed to [admin@tregealandscaping.com.au](mailto:admin@tregealandscaping.com.au)

#### Additional Considerations

*Will you need to hire a trailer to transport your materials? (Titan Turf Rolls are 3.7m in length)*

*Do you need to hire a power-broom/plate compactor? Consider Kennards Hire.*

*Will you purchase bagged infill sand or source in bulk?*

*Will your area require 'Cool & Fresh' infill for additional cooling and/or pet odour control?*

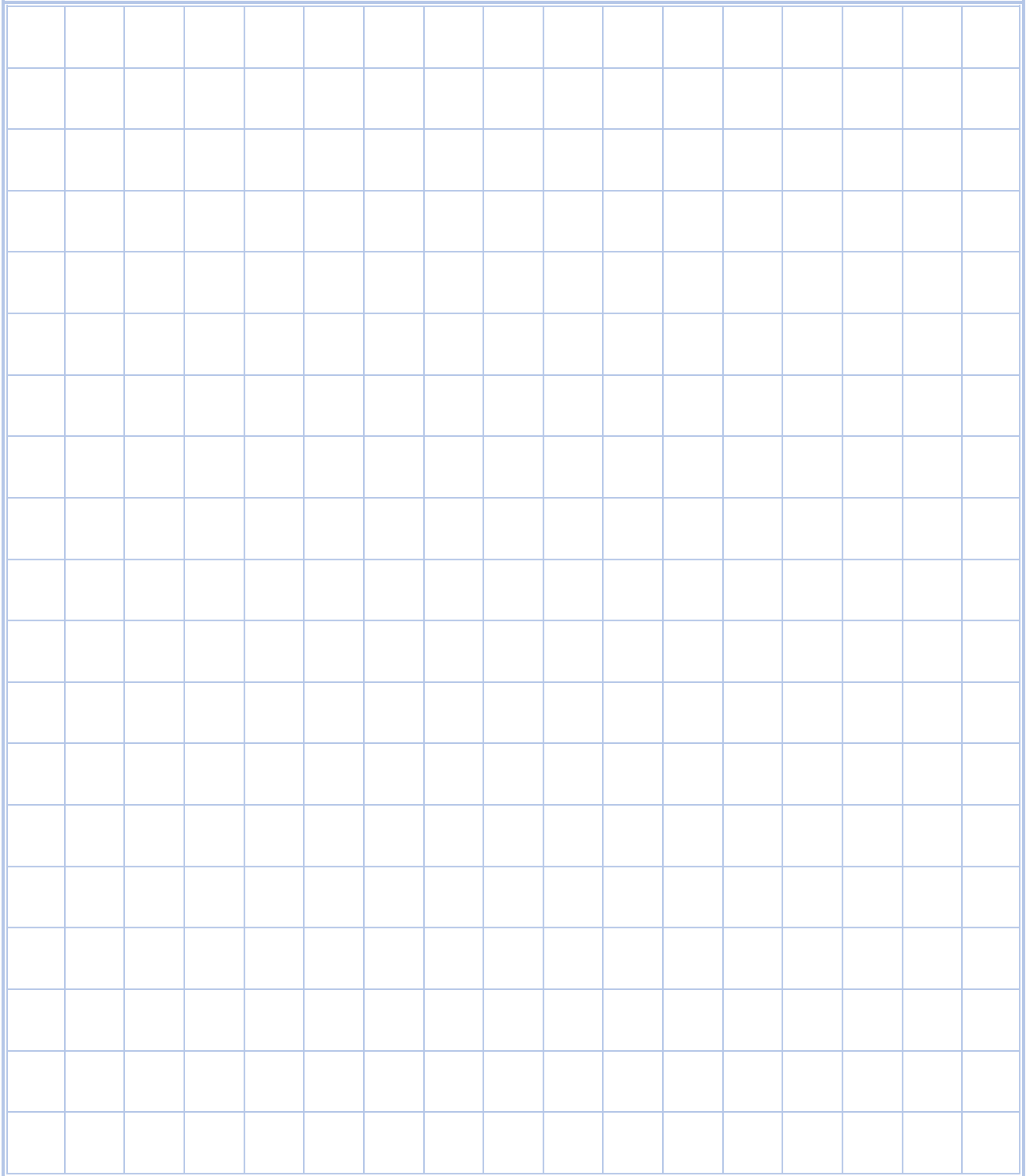
*How much will these additional considerations cost?*

#### Notes:



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### Extra Diagram Workspace



Note: Standard Rolls width is 3.7m. Maximum length of a roll is 20m. **Scale is 1:100 (1 square = 1 m<sup>2</sup>)**

### Ezylawn Coolplus

As its name suggests a versatile easy lawn to install for the DIY offering natural aesthetics of real Kikuyu lawn. Australian Made quality with natural looks for the budget conscious. 30mm two tone olive face yarn with green / beige subpile.

### Comfort 30 Coolplus

The first ultra durable synthetic turf developed that is highly resistant to flattening and pile crush containing the very latest in yarn entanglement and Coolplus technology. The texturised yarn is pre-tensiled and recoiled giving a very soft and spongy feel underfoot. Suitable for all areas of high foot traffic.

### Summer Coolplus HD

Our long standing best seller now with a new plush specification to be even better. 35mm pile length with 2 tone olive greens combined with a beige / green sub pile. Outstanding natural aesthetics that mimic texture and tone of real Kikuyu lawn.

### Maxima Coolplus

45mm ultra premium specification of multi tone olive and field yarn with darker toned bronze/green subpile. Thick soft and luxurious with natural look low gloss aesthetics. Similar outstanding natural aesthetics of real Kikuyu lawn as the Summer Coolplus HD with added plushness and density.

### Comfort Elite Coolplus

The ultimate in durability and softness. Suitable to any landscape application. A revolutionary and advanced concept in synthetic turf. Constructed of new and exclusive texturised yarn with entanglement technology, a first in synthetic turf. It is highly resistant to pile crush even with high traffic situations.

### Classic GT 40 Coolplus

This new premium landscaping solution is an Australian and World first with the latest innovation made from 60% renewable sources (Sugar Cane). Classic GT has all the benefits of a durable, heat and UV resistant, water permeable and fully recyclable artificial grass.

### Titanium Pet 30 Coolplus

Specialised product designed for heavy use in busy backyards containing pets. Titanium Pet 30 contains durable, reinforced spine yarn technology for heavy use, with double perforations for superior drainage and high density double stitch rate for ease of cleaning. Titanium Pet 30 is safe and hypoallergenic to prevent fleas and ticks.

### Titanium 4-PAWS

Suited for highly active backyards catering specifically to dogs with triple heat sealed perforations for improved hygiene and water drainage capacity. A very dense mix of durable medium-coarse blades for greater "poopability" blended with fine reflective blades for that more natural look.

### Silverback 40 Coolplus

Silverback 40 Coolplus is the newest product to be added to the range. With minimal shine and flattening resistant properties, Silverback is perfect for pets, children and high traffic areas. Use Silverback in conjunction with P-Off Infill & the P-OFF Bio-enzymatic spray for the ultimate Pet System.

### Savannah 40 HD

The pinnacle of the landscaping range. Suited for commercial applications and high usage backyards catering to pets and active families. A mix of medium-coarse blades for durability blended with fine colour contrasting reflective blades for that darker turf natural look.

### Premier 13

Perfect for the golf enthusiast; a purpose training aid in your backyard. A dense blend of fine texturised blades promoting a uniform surface with no bias for true ball roll. Available in 5m increments only.

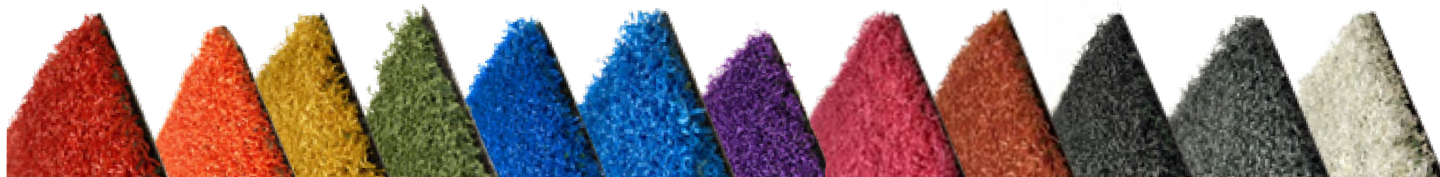
### Coolplay Coolplus

A versatile multi use sports and play area product for many uses. Can be used for multi sport courts, childcare play areas, many school, applications, putting surfaces the list goes on. 23mm texturised sports grade yarn with entanglement technology which is highly resistant to flattening down. Available in 5m increments only.



## COOLPLAY COLOURS

Red Orange Yellow Green London Blue Baby Blue Purple Pink Gravel Black Grey White



# TITANIUM PET SYSTEM

# P-OFF INFILL

Cool & Fresh







## Product Info & Selection Matrix

Product selections and recommendations can be tricky. When considering a selection there is one main aspect to consider: the type of application/or use the turf will receive. We've put together an information matrix to help assist with the decision-making process and help determine the turf best met for individual project requirements and individual needs.

Titan Turf Product	Pile Height	Traffic Rating	Softness Rating	Natural Look	Coolplus Technology	Comment
Forever Green V2 35	35mm	★★★★☆	★★★★★	★★★★★		Suitable product for the budget conscious.
Ezylawn Coolplus	30mm	★★★☆☆	★★★★☆	★★★★☆	✓	Budget friendly with natural aesthetics of real Kikuyu lawn.
Comfort 30 Coolplus	30mm	★★★★★	★★★★☆	★★★★☆	✓	Exclusive non-flattening product. Soft and spongy feel underfoot.
Summer Coolplus HD	35mm	★★★★☆	★★★★☆	★★★★☆	✓	Long standing best seller. Natural Kikuyu look.
Maxima Coolplus	45mm	★★★★☆	★★★★★	★★★★★	✓	Thick, soft and luxurious with a natural look and low gloss aesthetics.
Comfort Elite Coolplus	50mm	★★★★★	★★★★★	★★★★☆	✓	Non flattening & highly resistant to pile crush even with high traffic.
Silverback 40 Coolplus	40mm	★★★★★	★★★★★	★★★★★	✓	Exclusive 40mm line with pre-tensiled textures. Perfect for any project.
Classic GT40 Coolplus	40mm	★★★★☆	★★★★★	★★★★★	✓	World first with the latest innovation that is made from 60% renewable sources.
Titanium Pet 30 Coolplus	30mm	★★★★★	★★★★☆	★★★★★	✓	Designed for pets. Double perforations & high density stitch for ease of cleaning.
Titanium Four Paws	30mm	★★★★★	★★★★☆	★★★★☆		Designed for pets. Alternative to Pet 30 Coolplus with superior natural textures.
Savannah 40 HD	40mm	★★★★★	★★★★★	★★★★★		Premium 40mm high specification producing one of the thickest, softest, most luxurious products on the market.
Coolplay Coolplus	23mm	★★★★★	★★★★☆	★★★☆☆	✓	Use for multi sport courts, childcare play areas, putting surfaces.
Coverlawn Hi Wear	12mm	★★★★★	★★★☆☆	★★★★☆	N/A	Placed with natural grass, it integrates into the honeycomb base structure.
'Cool & Fresh Infill'	N/A	N/A	N/A	N/A	N/A	Replaces dried sand infill. Additional cooling properties and treats pet odours.

Specification sheets are available upon request or can be located on our website. For any further information or recommendations call us!



## SYNTHETIC TURF INSTALLATION GUIDE

### Disclaimer

No representations or warranties are made regarding the information contained here within and/or in any Tregea literature. Since factors including materials used, installation techniques, environmental conditions, etc. vary for each particular installation site or area, Peninsula Nursery does not guarantee the results by utilising any of the information contained herein.

### Tools Required:

- Calculator
- Can of Dymark
- Hammer
- Hose & Nozzle
- Spiked Seam Roller
- Measuring Tape
- Stanley Knife
- Wheelbarrow
- Square Mouth Shovel
- Pressurised Spray Pack
- Plate Compactor or Tamper
- Power Broom OR Thick Bristle Brush
- Post Hole Shovel
- 6mm Notch Trowel
- Weed Killer

### Installation

**1) Spray & Treat Weeds.** This should be completed 3 weeks prior to the installation. Spray and treat all weeds and unwanted grasses in the installation area.

**2) Mark Out The Installation Area.** Mark out the install area with an outdoor spray can marker. Consider the dimensions of your Synthetic Turf to try to get as few seams as possible with the set out. Additionally, this is the time to consider the type of edging to be used (if applicable).

**3) Remove Sod & Excavate.** You will need to remove 100mm of soil from finish height. Ideally, the sub-base will be pitched slightly towards the best fall direction to allow for water drainage and run-off. Also, after the sub-base and Synthetic Turf is installed, you will want to have the edges of the Synthetic Turf at an even level with the natural landscape.

**4) Further Preparation.** Turn off ball valves to lawn irrigation system. Locate all sprinklers and cap closed to prevent any matter falling into the pipework. Alternatively, remove the irrigation system completely and compact existing ground to "firm it up fully" (you can rent a vibrating plate compactor at most rental centres).





## SYNTHETIC TURF INSTALLATION GUIDE

**5) Sub-Base.** It is very important to ensure the sub-base is completely dry before laying any dolomite to reduce settling and ensure proper compaction for the surface. You will need to bring back in to the excavated area enough dolomite so as the required finish level of 20mm below the surrounds ie: pavers, concrete etc is achieved.

*Eg: If excavation is 100mm depth then 80mm of dolomite will need to be brought back into the area.*

To calculate the amount of dolomite to come back into the area you need to use the following formula. The total m<sup>2</sup> (square metres) of the area multiplied by .080 ( being the quantity of dolomite you want to bring back into the area 80mm based on a 100mm dig out) multiplied by the cubic factor 1.7 which will give you the required tonnage to bring back in.

*Eg: 40 x .08 x 1.7 = 5.44 ton. That is 40m<sup>2</sup> of turf area x 80mm of dolomite required x cubic factor of 1.7 to give the 5.44 ton.*

**6) Spread and then compact** the sub base material twice. Use the vibrating compactor again.

**7) Check surface for depressions.** Any depression areas 10mm-20mm or deeper should be filled in and re-leveled. Although the turf also drains vertically through the drainage holes that are manufactured in the turf, it is still advisable to give the sub-base a slight slope, to avoid any pools of water (slope away from buildings).

**8) Optional Edging.** Depending on your yard, you may want to install some type of edging material around your new lawn. Examples like natural stone, brick, rock borders, aluminium linkedge rolled top edging, plastic edging and timber edging (similar to what is used around flower beds) are popular. This will need to be in place prior to the turf installation.

**9) Roll out Turf.** Position the turf where it goes, be accurate (so you don't cut off turf you actually need). Note: Try to avoid dragging the turf as this may dislodge some dolomite.

**Ensure the turf is all facing the same direction as there is a grain in the turf. Do not turn the grain against itself. All must be running in the same direction.**

**10) Cut the turf & 'salvage' from each end.** Cut off excess material so it's easier to work with. Always use a sharp blade in your utility knife! Make sure turf is still positioned where it goes. Now, trim turf to the area as required. For optimal performance and beauty, make sure the turf is installed exactly over the prepared base. Remove the cloth salvage from either end of the turf, within the first rib of stitching.





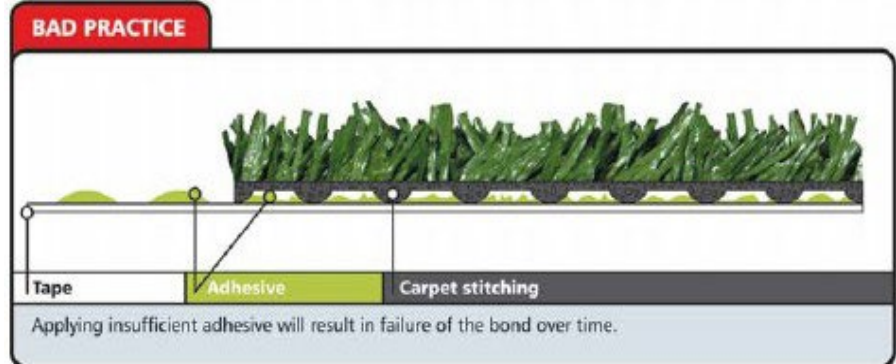
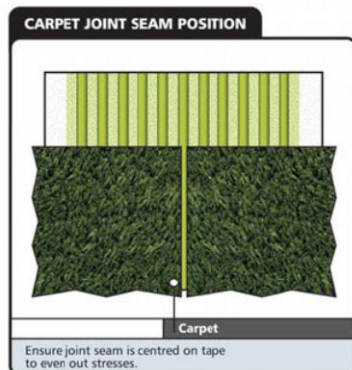
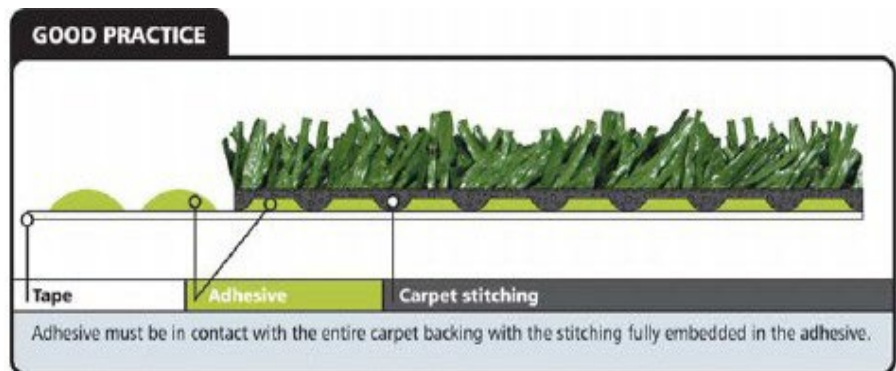
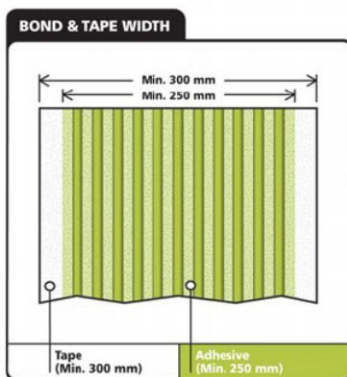
## SYNTHETIC TURF INSTALLATION GUIDE

**11) Seaming.** The seams are simply glued together with synthetic turf adhesive and 300mm wide seaming tape or alternatively, synthetic turf self adhesive tape.

At the joining seam, a piece of seaming tape should be cut to the length of the seam. The turf is to be laid seam to seam the way that it should look to ensure it fits tightly together before it is glued.

**Note: The pattern of turf stitching on the underside must run in the same direction as well as the grain of the blade before the two pieces are adhered.**

Both sides of the turf at the seam must be pulled back in order to install the seam tape. Note: Before adhering both pieces, ensure that both edges have been properly trimmed, straight, and will match up perfectly. Lay the seam tape down on the base directly between the two pieces of turf that are to be joined and secure at either end to stop tape moving. Apply adhesive to the entire piece of cloth seam tape with a 6mm notched trowel or place self adhesive tape in position and secure. Place one side of the turf to the centre of the tape. Lay the other side of the turf over the middle of the seam tape to match up exactly to the turf that has just been adhered to the tape. Mesh the fibers together with fingers or brush. Note: Allow 24 hours for glue to properly dry. The following procedures can be administered during the drying time, but turf may shift and require repositioning. It is recommended when using self adhesive tape, the use of a spiked seam roller to roll the seams (once placed together) to ensure the tape has taken to the backing of the turf.







## SYNTHETIC TURF INSTALLATION GUIDE

**12) Infill Preparation.** Next, you will need to spike the perimeter every 500mm with nails (120-150mm length to secure the turf and avoid contraction). In order to prepare to infill the turf, rake or power broom the turf in the opposite direction that the turf is laying on the roll. This will allow the infill material to infiltrate the turf rapidly and prevent turf blades from getting trapped in the infill. The infill process will now commence using a standard seed drop spreader with sweep sand or otherwise known as paving sweep sand. If this equipment is unavailable, utilize a square mouth shovel to "sprinkle" the sand in between the blades. The infill helps to weigh the turf down, and stabilise the fibres so as to help avoid "matting". You want to calculate the amount of infill in advance, as you will want to leave around 15mm of grass blade exposed. As a general rule of thumb, approximately 15 kilograms of dry sand per sq metre equals around 20mm of in fill height. Spread the infill in several passes. As you spread the infill you should make one entire pass on the surface then sweep it down into the fibers, repeating the process until all of your infill has been spread.





## Maintenance & Care Guidelines

Our lawns are made to look exactly like real grass, only much easier to maintain. Although it still requires some basic maintenance, you will no longer have to weed your lawn, water or fertilise it! Compared to natural turf Titan Turf requires very little maintenance. An occasional rake with a plastic garden rake to remove leaves and debris will keep the turf looking in top condition.

Routine maintenance generally includes keeping the surface clean of debris, especially that which may decay into the infill, and occasionally sweeping the fibers up to revitalise the appearance of the lawn. Synthetic Turf is a textile and does require maintenance.




Rain is your best cleanser. Rainfall gently cleans the turf fibres of dust, pollen and airborne pollutants in way that is difficult to duplicate in any other fashion. In areas where rainfall is scarce--or during prolonged periods of drought--an occasional water flush is beneficial to soak and thus cleanse the turf system. This procedure is recommended for all turf systems.

Here are some additional tips:

- For cleaning spills and stains, it is recommended using a General Purpose Citrus cleaner or Hot Soapy Water.
- Weeds can germinate in the infill system (sand) from blow in seeds/pods, bird droppings etc. and sometimes through drainage perforations and around edges. Poisons (non industrial grade) can be used on the turf with no damage to the turf system. Products like Zero, Round Up. Alternatively remove by hand, they should be easily removed.
- Do not use any tools that may damage the field and do not use solvents like acetone or cleaning materials containing alcohol.
- **Pay special attention to the most heavily used areas or areas that were initially low traffic that have become high traffic.** Keep extra sand or rubber infill as after a minor settling period, you may wish to fill-in any minor "low spots". If you encounter a low spot, take a bucket of infill, locate the spot and apply several thin layers of infill to the area and brush into the fibres with a stiff street broom or small hand held fiber scrub brush (such as is used to hand scrub floors). Brush in several directions. This avoids yarn leaning and matting down. Infill is its blade support mechanism.
- Every loose foreign object, no matter how small, can damage your Synthetic Turf by abrading the fibres and/or contaminating the fill. Remove all leaves, twigs, paper and any other waste items on a regular basis.

(Continued)

## Maintenance & Care Guidelines

- **To keep the infill from compacting and to limit the fibres from “matting down”, brush your Synthetic Turf using a bristle broom or a power broom (once every 6 months is suggested).** Always brush the Synthetic Turf in opposite directions, as continuous brushing in one single direction will produce unacceptable pile lean.
  - In case of seams opening, it should be repaired as quickly as possible to prevent the situation from deteriorating.
- 
- Snow removal: Generally snow and ice should be left to melt and drain off the system without assistance. At times, however, it may be desirable to remove snow or ice. If you elect to plow the snow, leave a layer of snow of 1 inch as to protect your Synthetic Turf from mechanical damage. The final layer of snow can be removed by brushing.
  - **Do not park vehicles on the Synthetic Turf.** You also do not want direct, hot engine exhaust to be discharged onto the Synthetic Turf for extended periods.
  - Prevent lubricating oil, grease, transmission fluids, etc., from dripping or spilling on your Synthetic Turf surface during sweepings. Such spills can discolor the Synthetic Turf. Battery acid and other such fluids should not be allowed on the Synthetic Turf. Never change or add fluids to maintenance equipment while on the Synthetic Turf surface.
  - The Synthetic Turf fibres are highly stain resistant because most stains are moisture borne and the polyolefin-based fibres tend not to absorb moisture. Hence, most stains on the Synthetic Turf are not true stains but rather residues of foreign matter that must be promptly and thoroughly removed. Most stains can be removed with water or soap and water. The first rule is promptness. It is much easier to clean up a fresh spill before it has time to dry and harden. Remove any solid or putty-like deposit promptly using a dull knife or spatula-like tool.
  - Enforce a smoke-free environment, if possible, and discourage the use of fireworks, fires, and tobacco products including chewing gum.
  - For all rental homes, introduce a clause in the tenancy agreement indicating no hot objects on the turf (such as bbq lids, firepits, steel). This will melt the turf, and result in a full relay required. Synthetic Turf is manufactured in batches with a -5% to + 5% (10% total) variance in texture and colour. Replacement patches are not a viable option and will look out of place.