



# LADY JANE

PREMIUM SYNTHETIC TURF

## INSTALLATION GUIDE

Lady Jane synthetic grass is manufactured from the finest quality UV stabilized materials to provide a long lasting alternative to natural grass. DIY installation is made possible by following our installation guide. Enjoy!

These instructions are provided as a guide only. Advanced techniques and customized equipment used by experienced installers provide excellent results, even on difficult sites. Installation specifications vary widely within the industry – beware of short cuts compromising quality!

As a leading supplier and installer of synthetic grass our instructions provide a guide to achieve a premium base and surfacing result-, even on difficult sites. Installation specifications vary widely within the industry – beware of short cuts compromising quality! As a well established supplier and installer of synthetic grass our instructions provide a guide to achieve a premium base and surfacing result.

### TOOL CHECKLIST

- Tape measure
- Notched trowel
- Cutting knife with spare blades
- Vibrating compactor
- Garden tools including: rakes, shovels, stiff broom
- Drop spreader or fertilizer spreader
- Level
- Straight edge
- Roller

### MATERIALS CHECKLIST

- Lady Jane grass
- TigerGrip Premium Bond Green - Seaming adhesive
- Seaming tape
- Option, Tiger Ezi Strip - seaming alternative system
- 20mm crushed rock
- 5mm fine crushed rock ( crusher dust )
- Read instructions thoroughly before starting.



## PREPARATION

- 1.** Spray your existing lawn with a weed killer, allow suitable time to take affect. Re-spray if required. Remove all the dead grass, weeds, organic matters and debris.
- 2.** Confirm the desired height of the top of the Lady Jane grass and calculate the excavation of natural soil required. For small areas hand digging will suffice, for larger areas the use of machinery will save many hours of manual work. Allow for laying grass along hard edges (eg: pathways, timber retaining edges) and smooth edges. The nominal depth for a landscape grass base is 75mm – 100mm dependant on sub surface conditions. Levels should be established.
- 3.** The sub base should be excavated, compacted and leveled. If suitable the base should be graded to allow for horizontal drainage to a garden area. If replacing lawn within an existing contained area the area allow for grass height when installing next to timber edges.



Excavation of area by hand or machine



Allow for grass height when installing next to edges

## BASE CONSTRUCTION

- 1.** Spread and level 20mm crushed rock to a nominal depth of 75mm. Lightly water and compact with a vibrating plate compactor. Fill any depressions, compact and ensure surface is level.
- 2.** Spread and level 5mm fine crushed rock (crusher dust) to a nominal depth of 15mm. This layer should be rolled or compacted. Fill and screed any low or high spots.
- 3.** The completed base should be at the correct height when considering the addition of the Lady Jane grass selected and the overall height desired.



Spreading the 20mm crushed rock



Compacting the base

## INSTALLING THE GRASS

- 1.** The Lady Jane synthetic grass should be rolled out to allow fibres to straighten whilst the base is being finished.
- 2.** The initial measure and layout plan will ensure the most efficient use of the grass. Ensure the grass is installed with the fibres / pile in the same direction.
- 3.** Trim off the manufacturing strip on each side of the grass (cutting along the rib line from the rubber backed side).

**NOTE:** The following steps apply when using Ezistrip adhesive tape.

**4.** Lay out the grass carefully on the base where it will lie. In preparation for joining the grass the separate pieces should be positioned close to each other. The grass pieces should be trimmed along the ribs to be joined to ensure that the standard rib gaps are maintained. The sides of both grass pieces at the seam should be rolled back approximately 200mm and temporarily secured. The Ezistrip should be centered at the seam location at an equal distance from each piece of grass. The Ezistrip can be secured by nailing the tape into the base by using 100mm galvanized flathead nails.

**5.** With the grass pieces rolled back and secured, the protective slit film on one side of the Ezistrip can be removed 1 to 2 meters. Carefully fold the edge of one piece of grass onto the Ezistrip in a straight line. Remove the remaining protective film and join the other piece of grass. Work slowly down the seam and ensure the rib gap is correct and no fibres are trapped on the tape.

**6.** As the grass pieces are adhered to the Ezistrip use a spiked roller to roll along the 1 to 2 meter length of the seam to ensure adhesion and smoothness.

**NOTE:** The following steps apply when using seaming tape and liquid adhesive.

**7.** Lay out the grass carefully on the base where it will lie. In preparation for joining the grass the separate pieces should be positioned close to each other – with 5-10mm gap. The sides of both grass pieces at the seam should be rolled back approximately 300mm and temporarily secured.

The 300mm seaming tape should be centered at the seam location at an equal distance from each piece of grass. The seaming tape should be held in place at each end with an appropriate weight.



Trimming manufacturing strip



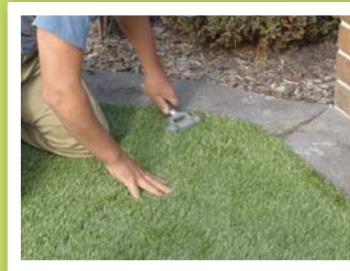
Trimming around edges



Place Ezistrip between the grass pieces



Securing the Ezistrip



Using spiky roller to strengthen bond

## INSTALLING THE GRASS CONTINUED

**8.** The grass pieces should be trimmed along the ribs to be joined to ensure that the standard rib gaps are maintained. Before applying adhesive to the seaming tape do a dry test run to ensure the grass pieces will be able to be joined with the correct rib gap.

**9.** With the grass pieces rolled back and secured, the adhesive can be applied to the seaming tape. The notched trowel should be used to apply adhesive to the entire seaming tape for a length of 3 to 5 metres. The glue will 'tacky' in 2-3 minutes and is ready for use. Carefully fold the edges of both pieces of grass onto the glued tape and line up the edges with correct gap. Work slowly down the seam and ensure no fibres are trapped in the glue. Some movement of the grass is possible as the adhesive is still workable.

**10.** Repeat the above process by trowling more adhesive and joining along the length of the seam.

**11.** As the grass pieces are joined use a spiked roller to roll along the 3 to 5 meter length of the seam to ensure adhesion and smoothness.

**12.** The grass should be trimmed to fit the area. Depending on the application grass may be secured at the perimeter by using a timber edge. In most applications grass is laid onto the base and held securely by the infill weight.



Trowelling adhesive onto seaming tape



Brushing the grass upright



Broadcasting the infill sand

## INFILLING LADY JANE

**1.** Ensure the grass pile is upright to allow most effective infiltration of infill material. Hand or power broom the fibres upright if required.

**2.** The grass should be infilled with alternating fine layers of foundry sand and granular rubber. A drop spreader is the most suitable equipment to use in applying infill material. Each infill layer should be brushed in by either a stiff brush or power broom to ensure even and deep spread of infill material.

**3.** Repeat sand rubber layering and brushing in. Check specifications of the specific product, but most landscape grasses infill to approx 80% of the pile height. Finish by brushing entire surface.

## LADY JANE TIPS

- Wet weather – take a break! Do not install or infill synthetic grass in wet weather.
- Use the specification sheets, ask for help as required.
- A wonderful surface requires a correctly constructed base.
- Grass is perforated for vertical drainage but allow for horizontal drainage as well.



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