



SYNTHETIC GRASS

INSTALLATION GUIDE

SOFT AND HARD SURFACE



HARD SURFACE INSTALLATION

You will need:

- Tape measure
- Rope or spray paint
- Weed spray
- Sharp utility knife and spare blades
- Synthetic grass adhesive
- V-notch trowel

You may also need:

- Stiff bristled broom
- Dried silica sand
- Gloves
- Eye protection

1. PREPARATION

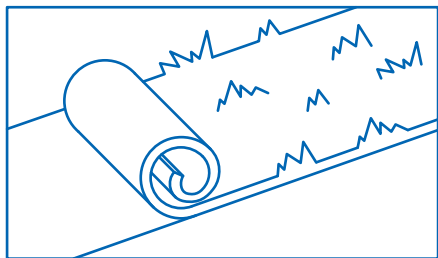
- a. Mark out the area you wish to cover with Coolaroo Synthetic Grass.
- b. Measure the total area you have marked out and calculate the amount of Coolaroo Synthetic Grass required.

NOTE: When calculating the area and preparing your layout, remember the pile needs to run in the same direction.

2. CLEARING

- a. Ensure that the surface is level and there are no large gaps between paving slabs, patio tiles or decking planks. Anything larger than 20mm can cause sagging as the Coolaroo Synthetic Grass is laid. If you do have gaps in your surface, you'll need to fill them prior to laying your Coolaroo Synthetic Grass.
- b. Sweep the concrete surface thoroughly and pull any weeds out that are present. Examine the concrete to ensure no dirt or other organic matter is present before treating the cracks with a commercial herbicide.

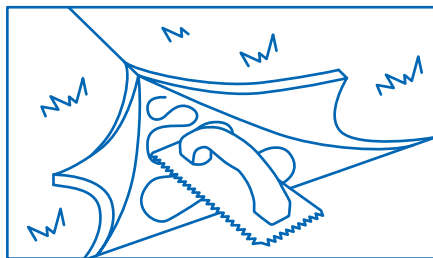
3. LAYING THE GRASS



- a. Starting just in from the edge, roll the Coolaroo Synthetic Grass out across the entire area, taking note of the pile direction. For best results let the Coolaroo Synthetic Grass rest for a couple of hours to settle.
- b. Using a sharp, heavy duty utility knife, cut the grass to the desired size and shape. Take your time to ensure a flawless finish.
- c. Once laid, stand back and review the entire area. Any changes will need to be made before moving on to the next step.

NOTE: Ensure that all grass is laid with the pile running in the same direction. Leave a gap around all edges of no less than 5mm to allow for water run-off.

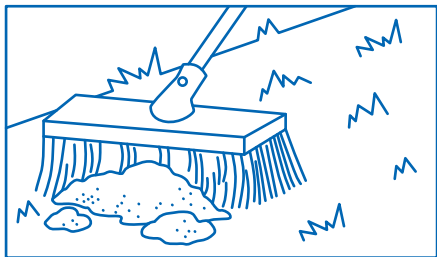
4. SECURING AND JOINING



- a. Starting at any edge, lift up the artificial turf. Using a v-notch trowel, apply a thin layer of synthetic grass adhesive on the concrete and press the grass down.
- b. Continue around the entire edge of the turf and then use the glue to secure the joins in the same manner. When joining lengths of grass, ensure joins are pulled together as closely as possible without overlapping and that there are no tufts of grass crushed under the join. There should never be more than a 1mm gap between joins.
- c. Walk along the join several times to ensure it sticks down securely. You may need to ruffle the pile along the join, as some fibers may be lying flat.
- d. Allow the adhesive to dry according to manufacturer's instructions.

NOTE: Do not apply the adhesive too thickly as it can block the drainage holes.

5. SAND FILLING



Adding sand fills in the gaps between each blade, giving support to the pile and helping it remain upright. This provides a more natural and lush finish. Infill is not required for all Coolaroo Synthetic Grass applications.

- a. Spread dried silica sand across the entire surface, moving up and back in straight lines to achieve an even cover. Distribute the sand evenly over the Coolaroo Synthetic Grass using a stiff bristled broom, ensuring this is done against the direction of the pile. 10-15kg of sand per square metre is recommended for most pile lengths.



SOFT SURFACE INSTALLATION

You will need:

- Tape measure
- Rope or spray paint
- Rake/screed
- Coolaroo Synthetic Grass Underlay
- Crushed rock
- Hose or watering can and access to water
- Sharp utility knife and spare blades
- Synthetic grass joining tape
- Synthetic grass pegs
- Hammer
- Compactor/whacker

You may also need:

- Stiff bristled broom
- Dried silica sand
- Gloves
- Eye protection

1. PREPARATION

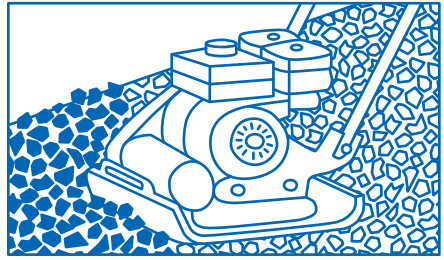
- a. Mark out the area you wish to cover with Coolaroo Synthetic Grass.
- b. Measure the total area you have marked out and calculate the amount of Coolaroo Synthetic Grass required.

Note: When calculating the area and preparing your layout, remember the pile needs to run in the same direction.

2. CLEARING

- a. Excavate the area to a depth of 70 - 80mm to create a level base.
- b. Remove all loose vegetation and debris in the area.
- c. Roughly rake or screed the area to ensure the soil is level and to remove any rocks or lumps of soil. If there are any existing sprinklers, ensure that they are either capped or removed.

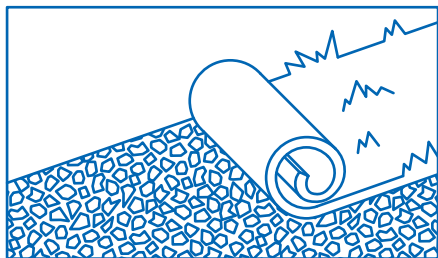
3. CREATING THE BASE



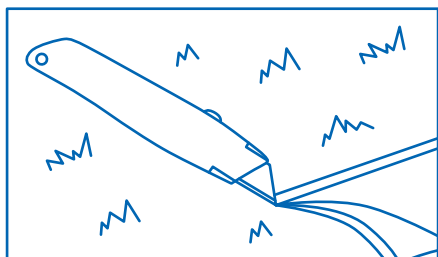
- a. In order to prevent weeds from growing up through the surface, lay a sheet of Coolaroo Synthetic Grass Underlay on top of the soil. Weeds can cause the layer of Coolaroo Synthetic Grass to buckle and disfigure.
- b. Spread a 70-80mm layer of crushed rock/roadbase over the Coolaroo Synthetic Grass Underlay and screed it off to create a level surface. Make sure to allow a slight fall on the base to encourage water drainage away from any buildings.
- c. Dampen the surface slightly with water then using a compactor/ whacker, compact the crushed rock and create a solid base. Compact the area at least twice, with a focus on the edges for extra strength and support.
- d. When compacted, the base should be 10 - 15mm below finished height.

NOTE: For a finer finish the base can be created using 60mm of crushed rock (compacted) and then a further 20mm of fine crushed rock (compacted).

4. LAYING THE GRASS



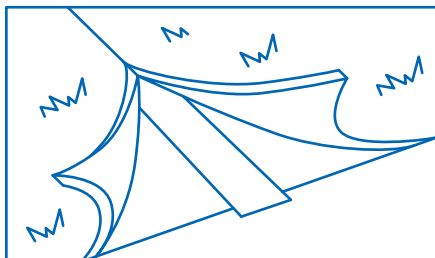
- a. Starting from an edge, roll the Coolaroo Synthetic Grass out across the entire area, taking note of the pile direction and allowing for a small amount of overhang at the edges. For best results let the Coolaroo Synthetic Grass rest for a couple of hours to settle.



- b. Using a sharp, heavy-duty utility knife, cut the grass to the desired size and shape, trimming around trees and flower beds to fit the area. Take your time to ensure a flawless finish.
- c. Once laid, stand back and review the entire area. Any changes will need to be made before moving onto the next step.

NOTE: Ensure that all grass is laid with the pile running in the same direction.

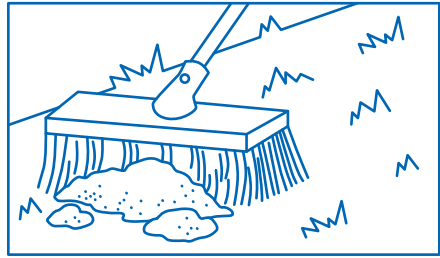
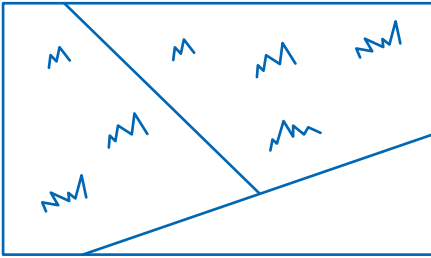
5. CONCEALED JOINS



When joining the lengths of grass, ensure joints are pulled together as closely as possible without overlapping. There should never be more than a 1mm gap.

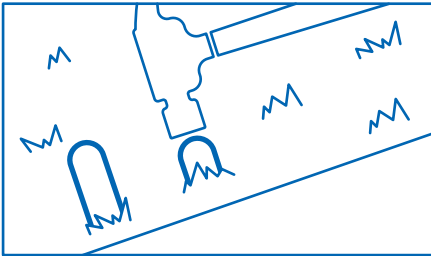
- a. Once in place, create a mark on the crushed rock at both ends of the grass where the two pieces join together. Fold back both pieces of grass to allow room for the tape.
- b. Roll out the joining tape and cut to length, positioning it centrally between the two markers and covering both sides of the grass equally.
- c. Starting at one end, gently peel off the backing and carefully push the grass down onto the tape. Slowly work your way along the length of the join, making sure the joined gap is the same all the way along and there are no tufts of grass under the join.
- d. Walk along the join several times to ensure it sticks down securely. You may need to ruffle the pile along the join using your hands or a stiff bristled broom, as some fibres may be lying flat.

7. SAND FILLING



- e. Allow about 30 minutes for the joining tape to form a strong adhesion.
- f. Carefully trim the Coolaroo Synthetic Grass around the surrounding edges, if required.

6. SECURING YOUR GRASS



- a. Secure the grass down around the edges using synthetic grass pegs. Hammer the pegs into the rock base, as close to the edge as possible, spacing them 250mm apart. Continue around the entire area.
- b. Ensure you push the grass fibres away from under the pegs so the pegs sit flush with the surface. At the completion of this step, the pegs should be hidden.

Adding sand fills in the gaps between each blade, giving support to the pile and helping it remain upright. This provides a more natural and lush finish. Infill is not required for all Coolaroo Synthetic Grass applications.

- a. With a stiff bristled broom, brush over the Coolaroo Synthetic Grass to raise the pile, making it easier to distribute the sand infill evenly.
- b. Spread dried silica sand across the entire surface, moving up and back in straight lines to achieve an even cover.
- c. Using the broom, brush the sand into the pile, ensuring this is done against the direction of the pile. 10 - 15kg of sand per square metre is recommended for most pile lengths.

WARNING

During periods of extreme heat synthetic grass can become hot to touch. Avoid skin contact and wear footwear during hot conditions.



THANK YOU

FOR PURCHASING A
COOLAROO PRODUCT

The best under the sun

Coolaroo is the leader in exterior fabric technology. Our extensive range of attractive shade and landscape solutions are carefully manufactured to beautify your home and provide protection for your family and garden from the harsh sun.

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WARNING

WHEN INSTALLING AND USING THIS PRODUCT, SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF PERSONAL INJURY AND DAMAGE TO EQUIPMENT. DURING PERIODS OF EXTREME HEAT SYNTHETIC GRASS CAN BECOME HOT TO TOUCH. AVOID SKIN CONTACT AND WEAR FOOTWEAR DURING HOT CONDITIONS. PLEASE READ ALL INSTRUCTIONS CAREFULLY AND KEEP CHILDREN AND PETS AWAY FROM INSTALLATION AREA.

To register your product go to www.coolaroo.com.au. Product codes can be found printed above the barcodes on product packaging, alternatively you can find them on the relevant coolaroo.com.au product page.

For help with product information or for any other questions you may have, contact our Customer Service Department.

Australia Toll Free: 1800 331 521
New Zealand Toll Free: 0800 555 171
United States: +1 407 772 7900
Middle East: +971 4 881 7114
China: +86 574 5626 8888



Gale Pacific Limited
145 Woodlands Drive,
Braeside, Victoria, 3195 Australia

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