

All new additions or changes to the drainage or irrigation system, electrical, water, or gas wires should be made prior to starting the installation. Ensure that you are able to gain access to these systems in the future without damaging the installed artificial grass. All landscaping elements (gardens, lighting, pools, pavers, etc.) should be in place prior to starting the installation. For artificial grass installations in close proximity to windows, glass doors or any other type of glass frame, it is recommended to use anti-reflective film to prevent UV damage, degradation and/or color fading of the artificial grass from sunlight reflection and/or excessive heat.

REQUIRED MATERIALS & TOOLS

| Geotextile fabric | Sub-base material | Artificial grass Infill | Drop spreader | Vibrating plate compactor and/or hand tamper | Anchor nails | Seaming tape | Artificial grass adhesive (glue) | Utility Knife | Measuring tape | Mallet | Rake | Synthetic push broom | Hose |

JOB SITE PREPARATION

Ensure all the necessary tools and materials, including sub-base material, geotextile fabric, anchor nails, vibrating plate compactor and/or hand tamp, mallet and rake, are readily available before proceeding with each installation step.

- 1. Remove Organic Material:** Start by eliminating all organic material such as sod, weeds, grass, and roots from the installation area. It is crucial to prevent sub-surface failure caused by decomposing organic matter. Apply geotextile fabric (a soil-stabilizing filter fabric), covering the entire area, and ensure any overlapped pieces are secured with anchor nails. This step will help not only prevents rodent or insect infestations, but also avoids drainage issues by maintaining a wrinkle-free surface (see figure A).
- 2. Apply the Sub-base Material:** Utilizing the Vibrating plate compactor and/or hand tamp, proceed to apply the sub-base material. Aim for a minimum of 3 in. (75 mm) of compactable base material, adjusting as needed based on the specific installation site. Crushed aggregates like road base or decomposed granite are suitable choices. Use a rake to evenly spread the base material, lightly water the ground with a hose, and then compact it thoroughly. While a hand tamp can serve as an alternative to a vibrating plate compactor, note that it may be less effective in achieving optimal aggregate compaction (see figure B).
- 3. Compact the Edges Precisely:** To complete the job site preparation, focus on compacting the edges of the installation area. Utilize a hand tamp, mallet or a piece of wood to ensure a precise level and clean edge. This step is essential for both aesthetics and stability, enhancing the overall appearance of the artificial grass installation (see figure C).

ARTIFICIAL GRASS INSTALLATION

Ensure you have the necessary materials and tools, including a measuring tape, synthetic grass rolls, anchor nails, utility knife, seaming tape, artificial grass adhesive, drop spreader, and a synthetic push broom, before starting each step of the installation process.

- 1. Measure and Plan:** Begin by using a measuring tape to measure the installation space and plan the placement of each synthetic grass roll. **IT IS CRITICAL THAT THE BLADES IN EACH ROLL RUN IN THE SAME DIRECTION FOR A COHESIVE LOOK.** Consider optimizing the color by ensuring the grain of the grass aligns with the desired aesthetic, such as running toward the street for a front yard installation.
- 2. Lay Out the Artificial Grass:** Lay out the synthetic grass rolls (see figure D) and square off the artificial grass in your chosen location to minimize cutting and fitting on all four sides. Once square, secure the squared edges with anchor nails.
- 3. (Optional) Joining the Artificial Grass Rolls:** Use seaming tape and artificial grass adhesive to join multiple pieces of artificial grass. This will help to prevent weeds growing between rolls. Follow the manufacturer's instructions, and **ENSURE SEAMING IS APPLIED BEFORE THE ANCHOR NAILS.**
- 4. Install Anchor Nails:** Install anchor nails to prevent movement of the artificial grass (see figure E). Begin by joining rolls together towards the middle before securing the outer perimeter. Place one anchor nail at least every 24.5 in. (625 mm) to prevent natural movement. Be cautious not to drive the anchor nails too deeply into the ground to avoid surface indentations. Cut the artificial grass to fit your area, leaving at least 1/8 in. (4 mm) excess for tucking at the end of the installation (see figure F). Ensure clean cuts using a sharp utility knife.
- 5. Apply Infill:** Apply infill (such as Silica/Quartz sand) to provide weight to the artificial grass. Use a drop spreader for even distribution. Follow the manufacturer's instructions, and if intended for pets, consider using Zeolite infill for additional odor absorption.
- 6. Blooming the Blades and Final Touches:** Using a synthetic push broom, manually bloom the blades of the artificial grass to make them stand up straight (see figure G). **AVOID USING WIRE OR METAL BRUSH TOOLS**, as they will damage the artificial grass, leading to fraying and breakage.

INSTALLING ARTIFICIAL GRASS ON A CONCRETE BALCONY OR PATIO:

Select Surfaces Artificial Grass can be installed to a concrete balcony, patio, or concrete slab.

- 1. Prepare the Surface:** Begin by clearing the space of all objects, including outdoor furniture. Ensure that the concrete surface is clean and smooth. Use a self-leveling compound to address any surface imperfections that could potentially show through the artificial grass.
- 2. Plan and Lay Out the Artificial Grass:** Plan the placement of the artificial grass and lay out the rolls as they will be positioned. **ENSURE THAT THE BLADES ARE ALL RUNNING IN THE SAME DIRECTION.** Make the necessary cuts to fit the artificial grass rolls to the installation area. Allow approximately 2 in. (50 mm) of excess artificial grass to trim around the perimeter for clean edges. Leave the rolls laid out for approximately 2 to 3 hours before applying adhesive to allow the artificial grass rolls to lay flat. Trim away the excess artificial grass on the edges using a sharp utility knife.
- 3. (Optional) Secure with Adhesive:** Use artificial grass adhesive to bind the artificial grass to the concrete slab. Ensure that you follow the manufacturer's directions for the proper application of the adhesive.
- 4. Blooming the Blades and Final Touches:** Using a synthetic push broom, manually bloom the blades of the artificial grass to make them stand up straight (see figure G). **AVOID USING WIRE OR METAL BRUSH TOOLS**, as they will damage the artificial grass, leading to fraying and breakage.

CARE AND MAINTENANCE:

- **Remove debris:** Overhanging trees and general use can cause debris to land on your newly installed lawn. It is recommended to spray down the artificial lawn once a month to remove dust and debris. Large debris can be regularly using a brush or your hand. Do not use wire or metal brush tools to remove debris from your lawn. Brushing the lawn will also help keep the blades upright. Organic debris should not be left to build-up as this can cause weeds to grow.
- **Remove stains:** Most stains will be rinsed away with water.
- Do not drive vehicles on top of Select Surfaces Artificial Grass.
- Do not spray chemicals, herbicides, or pesticides on your artificial lawn.
- Do not walk on artificial grass with athletic cleats.
- Artificial grass can be damaged by gum or burned by cigarettes.
- If your artificial grass is exposed to animal waste or urine, **immediately** remove the waste and rinse the area thoroughly with water.

WARRANTY:

Select Surfaces Artificial Grass is covered by a 10 year warranty, against color fade from exposure to direct sunlight in excess of 15% scale of the original product, to the original purchaser.

- The warranty applies only to the original purchaser and is non-transferable.
- The artificial grass must be installed according to the instructions provided by the manufacturer. The owner must follow the care and maintenance guidelines.
- If filing a warranty claim it must be submitted within 30 days of the discovery of fading or manufacturer's defect.
- Proof of purchase, such as a bill of sale is mandatory when requesting warranty service.
- The manufacturer reserves the right to designate a representative to inspect the artificial grass in question and remove samples for analysis.
- The warranty includes the replacement material, excludes labor cost and any other secondary costs.
- The warranty only covers artificial grass applied appropriately in a residential environment. Select Surfaces Artificial Grass is **not** suitable for athletic or sport applications.

WARRANTY EXCLUSIONS

The warranty does not cover any damages, degradation, issues, and/or defects caused by the following:

- Ultraviolet damages, degradation, and/or color fade caused by excessive heat, such as, but not limited to, sunlight reflection from windows, glass doors and any other type of glass frames.
- Improper installation, care, or maintenance.
- Failure of the aggregate base system or the infill system.
- Issues related to the application of adhesives or joining systems.
- Changes resulting from the application of sand or infill, trapped dirt, matted yarns, and compression.
- Burns, cuts, accidents, vandalism, abuse, negligence, or neglect.
- Drainage defects or deficiency on the sub-base and/or its surrounding area.
- Wear or abrasions caused by inadequate sub-base.
- Use of improper footwear.
- Application of improper cleaning materials and/or cleaning agents.
- Use of cleaning chemicals, herbicides, or pesticides.
- Force majeure and/or acts of God.

For questions regarding installation, please contact our Technical Support Department by email at techsupport@selectsurfaces.ca or by telephone at 1 855-250-8167. For additional information, please contact our Customer Service Department at techsupport@selectsurfaces.ca or visit www.selectsurfaces.ca. For questions about warranty, please contact our Customer Service department at warranty@selectsurfaces.ca.

