

# SYNTHETIC TURF

## INSTALLATION GUIDE

### Preparing the base

Eurocell recommend an adequate dynamic sub base when installing synthetic turf to ensure it looks its best and performs for years to come. Any imperfections in the sub base could cause bumps and ripples in the synthetic turf once it is laid.

#### Step One - Preparing for the Sub Base

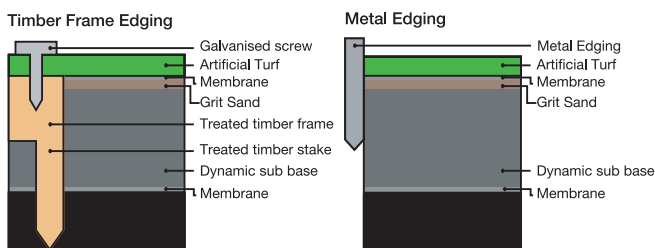
- ▶ Remove existing natural turf layer.
- ▶ Good drainage: Excavate to a depth of 75mm/100mm.
- ▶ Poor Drainage: Excavate to a depth of 150mm/175mm.

#### Step Two - Installing the Edge Detail

- ▶ Eurocell recommend a metal edging where possible, this provides a clean edge to bolster synthetic turf.
- ▶ Treated timber frame for square or rectangular areas.
- ▶ Concrete plinth for curves, bends or up against existing pin curb edging and stone work.

#### Step Three - Installing the Sub Base

- ▶ Install a high grade weed suppressant membrane to prevent weed growth up through the synthetic turf. Preferably use a non-woven membrane.
- ▶ Poor Drainage Option: Install 150mm/175mm MOT Type One base layer and compact with a compacting plate.
- ▶ Good Drainage: Install 75mm/100mm MOT Type One base layer and compact with a compacting plate.
- ▶ Install approximately 10mm of high grade grit sand or grano dust and compact to sit flush with edging. This should eliminate all undulations.



The final and most important part of the process, when installing synthetic turf take extra care when cutting into place and joining the seam. All synthetic turf is supplied in protective polythene and rolled tightly on a cardboard tube to keep the product in perfect condition during transit.

#### Step Four - Laying Underlay (Option)

- ▶ A geotex shock pad Underlay is an option however it adds a more luxurious feel and makes it safer for small children. Seek advice when installing around children's play areas.
- ▶ Install a layer of weed suppressant membrane across the entire area.
- ▶ Secure into place using 6inch nails or ground pins.

#### Step Five - Laying synthetic turf - WITHOUT JOIN

- ▶ Remove synthetic turf from the protective polythene and cardboard tube.
- ▶ Roll the synthetic turf out in the area, or if this isn't possible use a flat clean area near to the installation.
- ▶ We advise you to leave the product 30 mins to an hour to settle and acclimatise.
- ▶ Trim to size using a sharp Stanley knife, always cut from the back of the product.
- ▶ Secure around the perimeter to your chosen edging.

#### Step Five - Laying synthetic turf - WITH JOIN

- ▶ Follow point 1-3 as above.
- ▶ Lay the pieces of synthetic turf side by side within the project area.
- ▶ Fold back each piece of synthetic turf on each join by 30cm and trim 3 stitches off the back of each side.
- ▶ Re-join the synthetic turf pieces leaving an approx 3mm/4mm gap to achieve a perfect join.
- ▶ Lay out the synthetic turf seaming tape, green side down and apply adhesive down the tape.
- ▶ Apply weight to the join once you have folded the synthetic turf onto the adhesive.
- ▶ Trim to size using a sharp Stanley knife, always cut from the back of the product.
- ▶ Secure around the perimeter to your chosen edging.

#### Key Tips:

1. When you roll out your synthetic turf on site, give the product chance to breathe. Synthetic turf reacts to heat so the sunlight will naturally lift the pile, if the conditions are cold use a stiff brush or power brush to lift the pile manually.
2. If you get adhesive on synthetic turf during the seaming process, use white spirit and an offcut of grass to rub the affected area to remove the adhesive from the synthetic turf fibres.



All together better

## Finishing steps

### Kiln Dried Sand Infill

Applying a kiln dried sand infill at the end of an installation is recommended however it is not necessary. The sand infill acts as a support to the pile of the synthetic turf and it also weights down the product and acts as a ballast in certain installation applications.

- ▶ Only use a fine kiln dried sand.
- ▶ Recommended to infill 6kg/8kg per m<sup>2</sup>.
- ▶ Apply a sand infill only when the product is dry.
- ▶ Advised for areas with heavy foot traffic e.g. commercial space or family garden.

### Finishing Steps

- ▶ Use a leaf blower or stiff yard brush to remove debris from the installation area.
- ▶ Use a stiff yard brush or a mechanical brush to lift the pile of synthetic turf and bring it to life.
- ▶ Check all edges of the installation to ensure the synthetic turf is fixed in place.
- ▶ Check all joins and adjust where necessary.

## Super Tips

- ▶ When cutting synthetic turf always cut from the back.
- ▶ Always use a Stanley Knife or equivalent carpet knife with fresh blades to ensure a clean cut.
- ▶ Use 6 inch nails to help secure both the Underlay, Geotextile and synthetic turf in place, these should be removed from the synthetic turf after installation.
- ▶ Always add weight to the join after folding synthetic turf back onto the seaming tape.
- ▶ Don't forget to leave a 3mm/4mm gap when joining synthetic turf together.
- ▶ Synthetic turf reacts to heat, let the sun warm the product up naturally prior to fitting.
- ▶ Use white spirit applied to an offcut of grass to remove adhesive spillage on synthetic turf.

**Eurocell recommend a full site survey before installing and to be installed by a trained tradesperson.**

## Frequently Asked Questions

### Q: Is synthetic turf permeable?

A: Yes, if you look at the backing of synthetic turf there are small holes to allow water to drain through.

### Q: Does synthetic turf fade in sunlight?

A: No, synthetic turf is fully UV protected and carries a warranty of 10 years against UV stability.

### Q: How long does synthetic turf take to install?

A: As a guideline, you should expect to install a 40m<sup>2</sup> garden in a day.

### Q: How do I measure my area?

A: The key measurements are the widest point and longest length, you then multiply these to get the total m<sup>2</sup>.

### Q: How much synthetic turf will I need?

A: Synthetic turf is supplied on a 4m and 2m wide roll, use our 'How to measure your area' guide to help.

### Q: Does synthetic turf flatten?

A: Yes, over time synthetic turf will gradually flatten depending on the amount of foot traffic it receives. We recommend regular brushing against the pile to keep synthetic turf looking its best.

### Q: Are there different types of synthetic turf or just one?

A: There are different types of synthetic turf range, all suitable for different applications for example landscaping and sport.

### Q: Is synthetic turf maintenance free?

A: Synthetic turf is low maintenance, not no maintenance. Just like a carpet it will require occasionally cleaning, follow the synthetic turf maintenance and care guide to ensure synthetic turf looks its best for years to come.

### Q: How long does synthetic turf last?

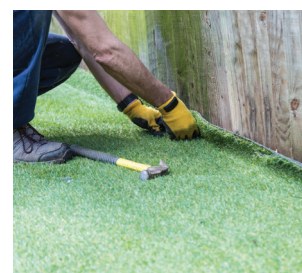
A: Depending on the application synthetic turf will last anywhere between 8 and 15 years. In heavy foot traffic areas, it will be less. Correct installation is key to the longevity of life of the grass.

### Q: What is synthetic turf made from?

A: Synthetic turf is made from several materials including Latex, Polyurethane, Polyethylene and Polypropylene.

### Q: Is synthetic turf safe for pets?

A: Synthetic turf is 100% pet friendly, however we recommend a shorter pile product for dogs to allow for easier cleaning.



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