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# Installation Guide

## Overview.

When it comes to installing your Newturf lawn it is recommended to utilise our installation service that specialises in applying synthetic turf. Our qualified installation team will supply the highest quality finished product.

The installation information supplied below is for those individuals with construction experience who wish to undertake this kind of project on their own and has been supplied for reference only.

No representations or warranties are made regarding the installation information nor are any results guaranteed by utilising this installation information. This information is not intended to include all information that may be needed to install Newturf lawn.

When installing turf outdoors, the product should be placed over a stable surface such as asphalt, concrete or compacted road base/crushed rock. A dirt base may be used (however not recommended for longevity) but it is imperative that it is completely compacted before the turf is applied.

## Layout the area and strip all vegetation.

Using a rope or garden hose as your proposed border, layout the area in which you want to install your Newturf lawn. Choose any layout you like but remember that turf is supplied in 3.72m (12ft) or 3.66m widths. Be sure to allow for drainage, runoff, wet or shady areas, etc... when laying out your yard.

Strip all vegetation down to the bare earth. Sprinklers may be capped or removed at this time. It is recommended that you treat the area with round-up or similar to prevent re-growth. Be sure to follow the manufacturer's directions closely with these potentially dangerous chemicals.

## Compacting the base, installing a stone base and optional edging.

These tools may be hired at any local rental shop and are usually inexpensive. Sometimes dampening very dry soil makes this process easier but be careful not to create a mud bath. Your goal is to make the base as hard as possible. You should compact the base at least twice you may consider installing a more stable base that will prevent unwanted undulations from arising later.

Care should be taken to choose a material that is free of large stones and should be graded and compacted to as smooth a finish as possible. You should install at least 70mm of base material and compact it as described above.

Be sure to compact the base several times. This will compact down to 50mm approximately. You may wish to install optional edging. Brick, decorative or natural stone, wood, flexible plastic or metal edging may all be obtained from your local hardware store or garden centre. The top of the edging should be at the proposed finished elevation of the base to prevent trapping water.

## Laying and joining the turf.

Once the base work is completed, roll out the turf and allow it to relax for several hours. This should cause any wrinkles to settle. Cut the ends of the turf to fit. This can be done with a Stanley knife or even scissors. Cut the turf to fit around trees, flowerbeds and landscape features. If you change your mind at this point and make a mistake, don't worry. Simply use the seaming method described below to put turf together where you want it. In larger areas, where two pieces of turf must be seamed together, a seaming tape and synthetic grass glue should be used to butt join the rolls. It is important to use only the recommended outdoor adhesive to prevent delaminating. It should be noted that although turf can be seamed together, these seams are sometimes noticeable, although when done correctly they will be very minor, if not invisible.

## Install the infill material

More commonly a fine grade, washed, kiln-dried silica is used as a base. Rubber granules, either as a composite mix or on their own can also be installed to provide an even softer lawn. Cast the infill with a shovel or with a fertilizer spreader. Distribute infill over a wide area and broom it in with a stiff bristled street broom. Be sure to put down a little bit at a time as dumping out large quantities will flatten the turf making it more difficult to penetrate the grass tufts. Continue to distribute infill until the desired amount is installed. A good rule of thumb is approx 25 kgs per square metre. The fill you install today is going to settle down with rain and use over time. Plan on an additional top dressing after the fill has had time to settle.

As you use your Newturf lawn, the grass will bloom and take on an even more grass like appearance. However, we always suggest that foreign matter is removed as quickly as possible and that a quick brush every now and again will keep your Newturf lawn looking great for years to come.