

Coastal Turf

Description of Works – Turf Installation

- **Pre- Site Preparation**

(Clients Responsibility UNLESS Coastal Turf has undertaken site preparation work)

1. Remove all vegetative matter.
2. Remove all rubbish and debris (*building rubble, cement and other materials that may be harmful to turf growth and development*).
3. Allow for a drainage management system within the turfed area (*have a plan as to where any excess water will flow to*).
4. All underground infrastructure is to be clearly defined and marked for the preparation team, *if this is not done any/all damage is the responsibility of the land owner.*

- **Measuring of Turf Site**

(Clients Responsibility UNLESS Coastal Turf has undertaken measuring as part of a quote)

1. Part of Coastal Turf's Company policy is to incorporate a 2% wastage factor on **ALL** quotes. (*A full piece of turf will be utilized where possible, **the minimum size of turf to be laid is 400mm x 400mm**. Do not use a piece of turf any smaller as it will not survive and the desired uniform lawn will not be created.*)
2. *On large areas (above 1000m²) we recommend incorporating a 1% wastage factor.*

- **Site Preparation**

(Clients Responsibility UNLESS Coastal Turf has undertaken site preparation work)

1. Assess the gradient of site (*if greater than 30 degree slope pegging of turf is required*)
2. Incorporate a minimum of 50 mm of topsoil throughout the entire area.
3. The topsoil should be a specified **Screened Turf Underlay Soil**.
4. The spreading of the soil needs to create the desired landscape (*flat and level or undulating hills depending on the desired result*). Note – any undesired rises or falls will be magnified by the turf and may result in drainage problems
5. To ensure the turf and any hardscaped areas are flush the topsoil should be approximately 25mm below the hardscape height. (*paving, concrete garden edging*)

- **Pre - Installation**

1. Water retention products (***Water Crystals***) should be utilized. Ensure that they are spread evenly over the entire turf site. Water Crystals are applied as per manufacturers' recommendations.
2. A slow release organic fertiliser is to be spread evenly over the turf site (*organic fertilizers do not burn the new turf as they contain < 4% nitrogen*). The organic fertiliser is to be spread at a rate of -
 - **25kg per 100m².**
3. To ensure a uniform application is achieved, spread the Water Crystals and Slow Release Organic Fertilizer separately with a hand held spreader.

- **Laying of Turf**

1. Turf is to be laid around the border of the area first.
2. On a sloped area, the turf is to be laid horizontally across the slope starting from the bottom of that slope (*This ensures that the turf will not slip or move during heavy rainfall*).
3. The turf is to be staggered (*creating a brick like pattern*) on all areas.
4. The turf is laid the longest and straightest way possible (*This reduces the amount of waist*).
5. Attempt to utilize a full piece of turf where possible, ***the minimum size of turf to be laid is 400mm x 400mm***. Do not use a piece of turf any smaller than 400mm x 400mm as it will not survive.
6. Peg the turf when the slope is greater than 30 degrees. The pegs are to be inserted where 2 pieces of turf join, *this prevents the turf from moving or slipping*.
7. Ensure there are no gaps between any of the pieces (slabs or rolls) of turf. All pieces of turf should be closely butted up with each other.
8. The turf is to be laid in sectors, ensuring that each sector maintains the desired preparation quality. This prevents the preparation of the site being destroyed by traffic (*both foot and machinery*) and also allows for watering to take place as soon as possible.
9. Use a string line to create a straight edge in areas where there are no other borders (*this ensures a uniform neat straight edge*).
10. Ensure that all turf has direct contact with the soil, *this is achieved by rolling the turf and having a properly prepared site*.

- **Post Installation**

1. Irrigate the turf with approximately 20mm (15minutes) of water within 30 minutes of laying the turf.
2. Roll the entire turf area with a suitable turf roller, *the turf is to be moist prior to rolling to ensure the desired effect is achieved*.
3. Irrigate the turf after rolling with approximately 5mm of water.
4. Ensure all waste materials are disposed off in a responsible manner (*rubbish in any available skips, left over turf is to be taken off the site*).
5. Clean up any mess left on and around the turf installation site.
6. After removing any dirt and/or pieces of turf responsibly dispose of the debris.
7. Ensure the turf site is left clean and tidy, *sweep and hose areas where required*.
8. Provide the customer with a ***Coastal Turf Establishment and Maintenance Guideline***
9. ***Follow Local Council Watering Guidelines and/or Coastal Turf's Turf Establishment Information.***