



# LANDTECH SOILS

## Urban Greening Solutions

### CU-Structural Soil - O & M Manual

Trees planted in CU-Structural Soil will require similar levels of maintenance as will any newly planted tree in the landscape, with particular attention to the watering needs of the tree, particularly in the first season of growth following planting.

#### Watering

Improper watering is the main reason young trees fail in an urban environment. The most important part of your maintenance schedule is a properly planned and implemented watering schedule.

- All Trees in the urban environment need periodic deep watering.
- In year 1 – newly planted trees should be watered once a week.
- Mature trees, 5 years and older, subject to rainfall amounts will usually not need to be watered if they are healthy and have had proper care.
- Trees need more water in hot summer months.
- If the rootzone is wet, don't water.

For young trees that are older than a year, use the following as a general guideline:

- Year 2 – twice a month.
- Year 3 – monthly to every other month.
- Year 4 – every other month.
- Year 5 – every 3-4 months

#### Weeds and Grass

Weeds and grass compete for the vital nutrients and water the tree's roots need. They should always be removed from within approximately 1 metre from the base of the trunk.

#### Mulching

If the immediate surrounds of the tree are not paved over – any exposed area of the tree pit should be covered with Mulch, this helps to preserve moisture in the rootzone and will also suppress weed growth. Mulch breaks down and decomposes into nutrients in the rootzone, and may need to be replenished annually as part of the normal tree maintenance program.

Find Out More At  
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### Stakes and Ties

Where trees are staked, stakes and ties should to be checked and adjusted on a regular basis.

- Ties will restrict tree growth and can be the cause of serious damage to trees in their early years of growth.
- Remove the stakes from your trees as soon as they can stand alone, usually after the first growing season. The sooner the supports are removed, the faster the trees will become stronger and develop a stable and supporting root system.

### Pruning

Newly planted trees should not be pruned except for the 4 D's (dead, damaged, diseased, and deranged!).

- Always remove dead, damaged, diseased, and deranged branches and suckers when noticed.
- Any pruning, other than the 4 D's, should only be done once a year or not at all.

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