



# ECLIPSE STRUCTURAL SOIL

PRODUCT CODE - ESSS

## FAST FACTS

- ← High strength growing medium suitable for large street trees.
- ← High quality engineering surface suitable for paving.
- ← Allows full canopy development.
- ← Resists ground heaving.
- ← Does not restrict root growth

## APPLICATION

- ← Use Eclipse Structural Soil where high strength soil medium is required for large street trees.
- ← As a Guide for every m<sup>2</sup> of crown of trees, 0.6m<sup>3</sup> of structural soil should be used (not necessarily in a square pattern below the tree i.e. soil can run up the length of a footpath provided there is adequate soil depth)

## HOW TO USE

1. Consult with Eclipse Soils technical team to determine minimum soil depths required porosity and plant available water
2. Depth of structural soil should be between 600 - 900mm (deeper profiles preferred)
3. Add a balanced slow-release fertiliser.
4. Compact Soil into position to required strength in 150mm lifts



## PRODUCT OVERVIEW

Eclipse Structural Soil is specifically designed to provide a high strength growing medium suitable for large street trees, while providing an engineered surface suitable for paving. The material is a mix of coarse blue metal aggregate, and sandy loam textured soil - Aquamor™ Soil Blend. Once compacted, structural soil is matrix supported, preventing further compaction within the pore spaces ensuring soils remains loose and friable. This allows for tree roots to easily penetrate and minimises ground heaving. Plant available water, drainage and organic matter content are carefully specified to maintain water and nutrient holding capacity within the soil.