

## Enrich Structured Tree Soil

<b>Range of Use</b>	This soil and stone blend is specifically designed to allow Trees to grow successfully in urban settings where compaction is required for roads or footpaths. This media provides enough structure to support high traffic areas allowing optimum root development without disruption to the surfaces. This product can also be used for water integrated water attenuation in sustainable urban drainage systems (SUDS)
<b>Material</b>	Topsoil, peat free organic compost, sand and crushed stone (stone size 40-80mm, as equally sized as possible)
<b>Purity</b>	Sustainable free from physical and chemical containments and pathogens.
<b>California Load Bearing Ratio</b>	10-50 (Can be adjusted specific to requirements)
<b><u>Soil component</u></b>	Sandy Clay Loam/Sandy Loam
<b>Moisture Content</b>	12 – 30%
<b>Conductivity</b>	<3300 $\mu$ S/cm
<b><u>Plant Available Nutrient Values</u></b>	
<b>Total Nitrogen</b>	>0.250 %w/w
<b>Available Phosphorous</b>	25 – 125 mg/L
<b>Available Potassium</b>	300 – 1,500 mg/L
<b>Available Magnesium</b>	80 – 500 mg/L
<b>Available Calcium</b>	>1,200 mg/L
<b>Organic Matter (LOI)</b>	3 – 10 %w/w
<b>pH Value</b>	6 – 8.5
<b>Carbon : Nitrogen Ratio</b>	<20: 1
<b>Bulk Density</b>	1,250 – 1,750 g/L

Please note this is a specialist approach to Urban Tree Planting. The design of the tree pit and the installation of the mix are critical. Enrich can provide advice on tree pit design and installation.

**HEALTHY SOIL    HEALTHY PLANTS    HEALTHY PEOPLE**

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