

## TURF UNDERLAY - INFORMATION

Goodsell Earthmoving 'Turf Underlay' has a sandy loam texture and was designed to meet the AS4419 standard. This material has excellent drainage however still has nutrient and water holding capacity due to the loam component. This material meets the properties required for a Turf Underlay material as per the AS4419: 2003 Soil for Landscaping and Garden Use – Natural Soil or Soil Blend Analysis.

- Designed to meet AS4419 standard (Analysed by SESL Australia Ref:36824A-1)
- Ideal texture: sandy loam
- Rapid permeability at 693mm/hr (at 32 drops)
- pH 7.7 preferred level for turf grasses
- Low salinity levels (0.13 dS/m)
- Grade A Unrestricted Use (Falls below the contamination thresholds as per EPA NSW (1997)).



Table 1. AS4419 Analysis.

Sample Name	Unit	Turf Mix
Bulk Density	kg/L	1.33
Organic Matter	% dry wt	2.4
Wettability	Mm/min	82
pH (in H2O)	pH units	7.74
Electrical Conductivity	dS/m	0.13
Phosphorus (Olsen)	mg/kg	14.6
Dispersibility (H2O)	Category	2
Dispersibility (CaCl2)	Category	1
NDI	-	0.73
Toxicity	mm	118
Permeability	cm/hr	18
Texture	Class	Sandy Loam
Soil Clay Content	% by mass	10 - 20%
Large Particles <10mm	% by mass	99.90
Large Particles 10 - 20mm	% by mass	0.095
Large Particles 20 - 50mm	% by mass	0