

Construction Detail

porous tree surround



Surface Course

- hand applied and trowelled to a smooth finish by an approved installer
- an aggregate size of 6mm requires a minimum 30mm depth of StoneSet
- an aggregate size of 10mm requires a minimum 40mm depth of StoneSet

Edge restraint

Aluminium, steel, timber or block/paver edging

Soil

a suitable depth of well compacted reinforced tree soil worked well around the root ball to avoid settlement

Tree Collar

temporary or permanent tree collar, not necessary for established trees.

Base course

150mm hand compacted porous road base. 20/4mm graded material for compaction, but with limited fines to maintain porosity. Not always necessary for established trees.

Geotextile membrane

Purpose

To provide a fully porous tree surround.

An attractive and hardwearing, highly porous and low maintenance surface, trafficked by pedestrians only.

A natural aggregate finish with no loose stone. No toxins are released.

3114 04 - tree surround
updated - 14-09-2011
reviewed - 14-09-2011

StoneSet

sustainable porous paving

Areas that may be trafficked by heavy vehicles should have structural layers designed according to Australian standards. The maximum deviation of the base should not exceed 10mm under a 3m straight edge.

The thickness of the sub-base layer required is dependant on sub-grade soil conditions.

Total sub-base thickness will be dictated by expected loading and sub-grade strength.

If plastic or silty sub-grade is present, then a capping layer should be used in accordance with Australian standards.

This specification is based on normal good practice for flexible surfacing and does not absolve the specifier from designing a construction suitable for the expected traffic and ground conditions pertaining on a given site.

The details in this specification are intended only as a guide in specifying StoneSet products, actual designs should be developed by the project designers taking into account the specific circumstances of the intended application. StoneSet assumes no responsibility for improper reliance upon or misuse of the data herein. Product design and specification are subject to change without further notice.

Other construction details available:

- porous driveway
- overlay driveway
- porous pathway

If you require a more site specific construction detail please contact our technical sales who will be happy to help:

02 4297 6943

sales@stoneset.com.au

download our latest construction details from www.stoneset.com.au

Construction Detail 3114 04, *porous tree surround*