

Tree Surrounds

Tree surround paving needs to be many things in order to overcome the associated issues. Porosity is most important, without becoming a litter trap particularly in urban environments. StoneSet is easily maintained and swept clean. The hardwearing nature of the system means no loose stone, mechanical sweepers can be used to keep the surface clean like any other footpath area.

FLEXIBILITY

Our unique high quality polyurethane binder provides maximum flexibility. This means that rather than cracking or lifting and causing a trip hazard, StoneSet will move with the tree's root and trunk growth without cracking.

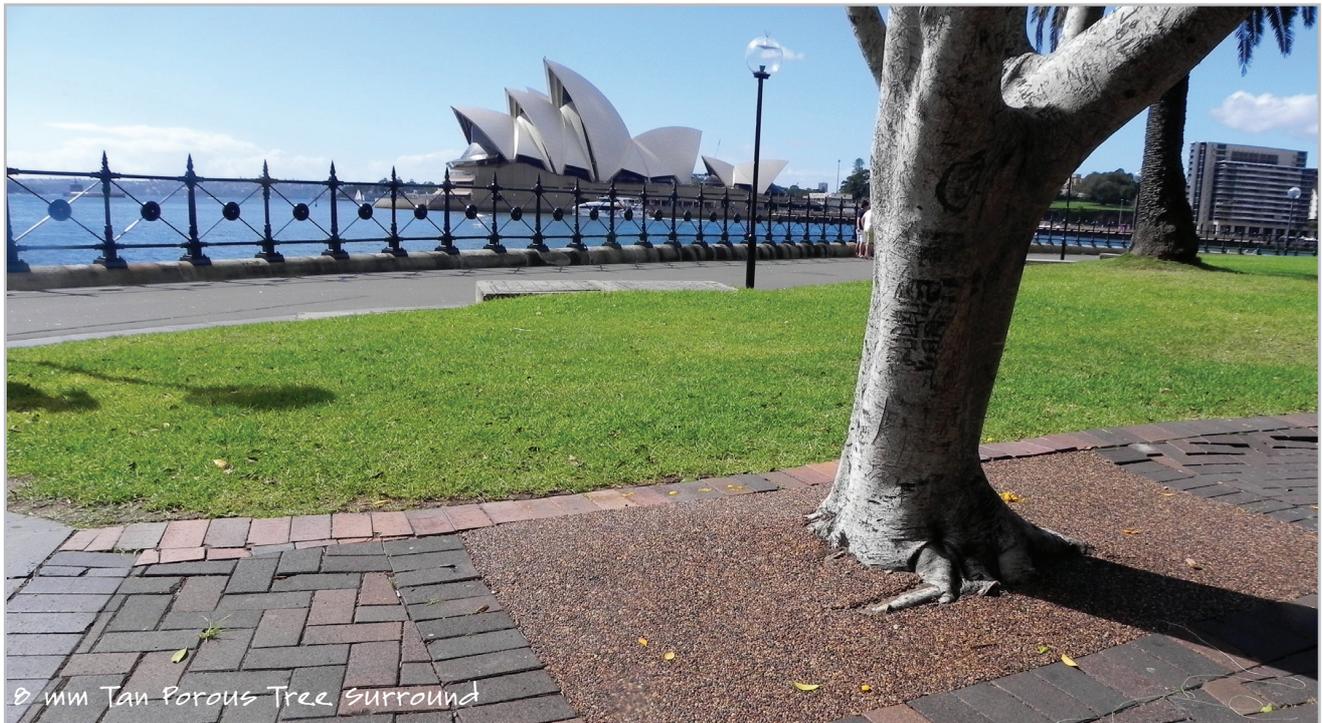
ENVIRONMENTAL

All StoneSet products cure as an inert material, meaning it is all non-toxic and unharmed to the plantation. pH values will remain unchanged by StoneSet and our tree surrounds can often act as a filter layer, protecting the underlying soil from contaminants.

LONG-LASTING

StoneSet is designed to last even in areas of high wear, we can blend 10-6mm stone to ensure a durable yet highly porous surface. A fully bound porous hard surface means no replacement of mulch and no restriction of the tree trunk as it grows, reducing maintenance and providing a long term solution.

No loose stone guaranteed for 10 years



Specification & Installation

NEWLY PLANTED

Newly planted trees, particularly in urban areas, will require an adequate depth for the root ball. We recommend allowing 190 mm for a 150 mm layer of compacted no fines porous road base and a 40 mm layer of 10 mm StoneSet.

Although compaction is difficult to achieve with no fines road base, it is vital to ensure sinkage doesn't occur, ideally in 50 mm layers.

A tree collar is necessary for new trees. This can be formed as a temporary or permanent collar and allows room for the trunk to grow and establish itself before it comes into contact with the paving.

ESTABLISHED TREES

An existing, well established tree requires minimal preparation. As the tree will already have an established surround surface, it simply needs to be carefully excavated to allow for the 40 mm installation of StoneSet.

In the case of prominent roots, the StoneSet material can be laid around any exposed roots or if trip hazards may be an issue, straight over.

For older trees a collar is not necessary and StoneSet can be installed directly up to the trunk.

