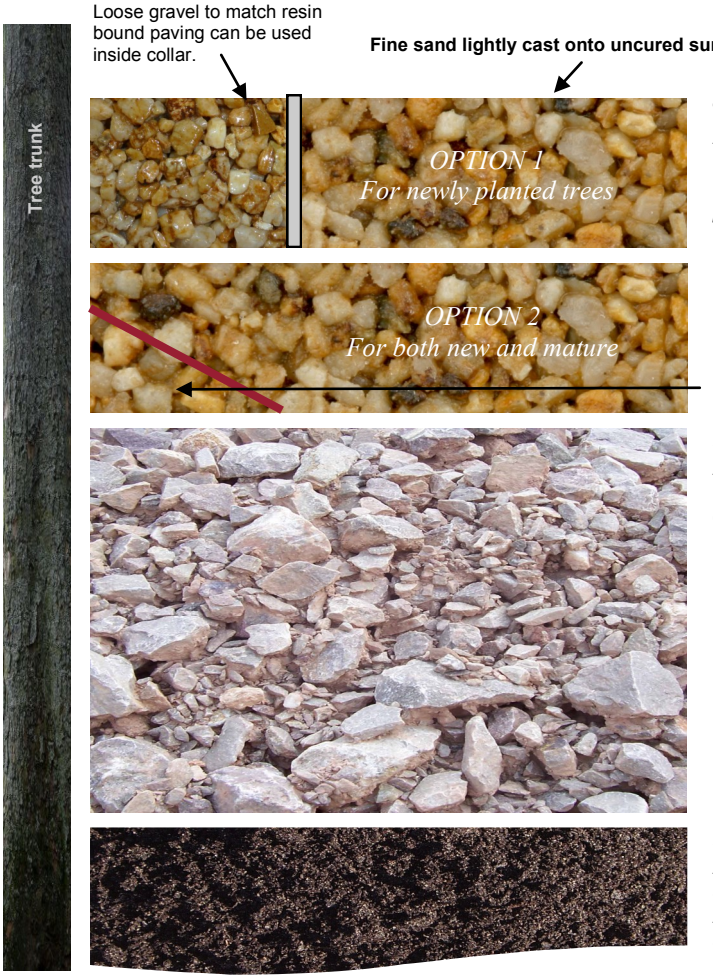
Specification Advice

Tree Pit heavy pedestrian traffic



The typical depth of Pebbo Permeable Paving surface:
A Pebbo aggregate size of 10mm requires a 40mm depth layer of Pebbo.
Temporary or Permanent collar formed from circular plastic strip, land-drain pipe, wood etc. as appropriate. Allow 50mm minimum clearance around trunk. Installed by others. Not necessary for established trees.

The typical depth of Pebbo Permeable Paving surface:
A Pebbo aggregate size of 10mm requires a 40mm depth layer of Pebbo.
Pebbo flexi-zone base ramped up against trunk of tree to approximately mid point thickness of Pebbo layer to profile Pebbo into tapered edge to allow for tree growth.

Sub-base laid by others in well compacted layers
A 150mm minimum depth of well compacted Type 3 granular sub-base to SHW clause 805 or 4/40mm, 4/20mm blinded with 2/6.3mm crushed stone graded concrete aggregate. EN12620.

Newly planted trees only. Not necessary in the case of established trees, providing the existing soil is stable and free draining.

Soil
A suitable depth of well compacted reinforced tree sand worked well around the root ball to minimise settlement.
A geotextile membrane can be used as a separation membrane between sub-base and soil layers.

Purpose
An attractive and natural looking flexible solution for a maintenance free tree surround.

Advantages
To provide a permeable, seamless and durable surface which allows water and air to freely permeate through to the roots below.

Notes
Pebbo can be overlaid onto existing soil of an established tree, providing the soil is free draining.
Areas that may be overrun by vehicles should have structural layers designed accordingly to Highways Agency requirements.
The maximum deviation of the sub-base layer should not exceed 5mm under a 1 metre straight edge.

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 tree requirements, traffic and ground conditions pertaining on a given site.

Pebbo are an Approved Installer for the UK's leading manufacturer, SureSet UK Ltd.
SureSet Permeable Paving is covered by a 15 year guarantee (see terms + conditions).