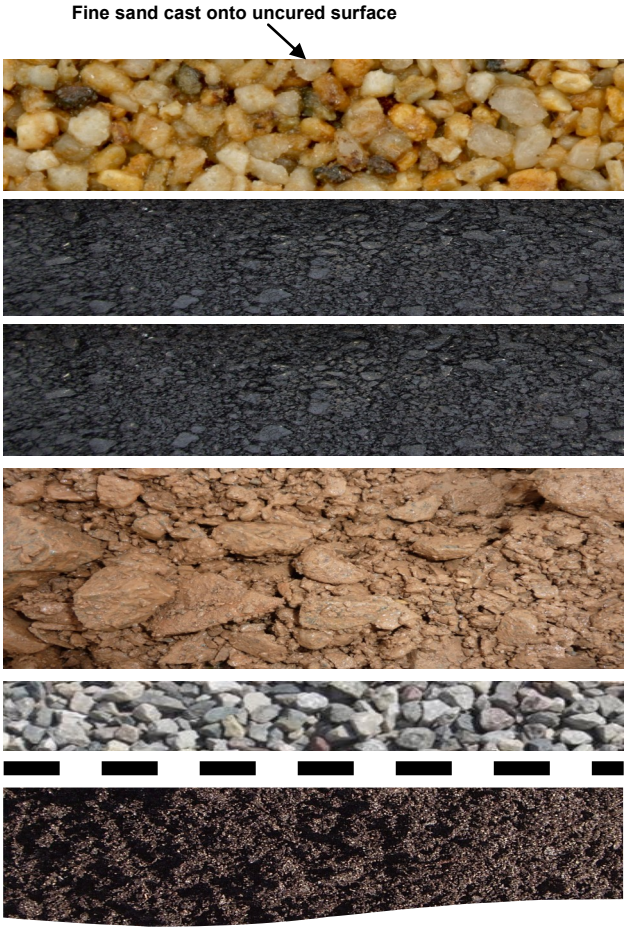
Specification Advice

Access Roads cars & occasional delivery vehicles



The typical depth of Pebbo permeable paving surface:
A Pebbo aggregate size of 3mm requires a 18mm depth layer of Pebbo
A Pebbo aggregate size of 6mm requires a 20mm depth layer of Pebbo
A Pebbo aggregate size of 10mm requires a 26mm depth layer of Pebbo

Binder Course laid by others in a well compacted layer to a minimum fall of 1.5% (1/66)
A 35mm minimum depth of AC 14 close graded asphalt concrete, max 100/150 pen to BS EN 13108-1:2006.
(Bituminous Macadam)

Road Base laid by others in a well compacted layer to a minimum fall of 1.5% (1/66)
A 70mm minimum depth of a AC 32 dense base asphalt concrete max 100/150 pen to BS EN 13108-1:2006 laid in two or more layers.
(Bituminous Macadam)

Sub-base laid by others in well compacted layers to a minimum fall of 1.5% (1/66)
A 200-350mm minimum depth of well compacted non-frost susceptible Type 1 granular sub-base to SHW clause 803, or locally available secondary or recycled aggregates which comply with the requirements of the specifications for Highways Works for sub-bases.

Capping Layer if required. (please see notes below)

A geo-textile membrane to prevent upward migration of fine soil particles may be required (optional)

Sub-grade

Purpose

To provide a permeable, seamless and durable surface

Advantages

An attractive and easy to maintain surface that allows water to dissipate

Notes

Pebbo can be overlaid onto existing asphalt or concrete surfaces of suitable construction for the traffic expected.
Movement joints/construction joints in concrete should be extended up to the surface of the Pebbo. Cracks should be broken out if necessary and filled with a polymer/cement crack filling material.
It is advised that concrete bases are primed with a Pebbo approved primer prior to installation.
Areas that may be trafficked by heavy vehicles should have structural layers designed according to Highways Agency requirements.
The maximum deviation of the base should not exceed 3mm under a 1 metre 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 HA design Manual for Roads and Bridges HD 25.

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.

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).