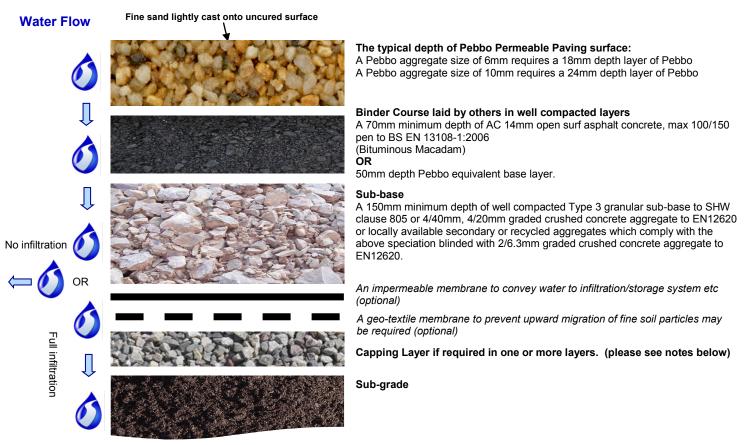


Specification Advice

Permeable Pathway (SUDS)



Full infiltration - water returns to ground surface

No infiltration - impermeable membrane used to convey water to storage tank for either storage or controlled release

Purpose

An attractive, permeable and durable surface which avoids the need for planning permission under the 2008 SUDS Planning Order 1998 on the paving of front gardens.

Advantages

Permeable, minimum number of joints, easy to maintain and quick drying

Notes

If there is a danger that standing water will soften the sub-grade in an unlined system a nominal fall to an outfall should be considered.

If plastic or silty sub grade is present (CBR <2%) it may be necessary to stabilise the sub grade or partially replace it with sub-base/granular capping.

Total sub-base thickness will be dictated by expected loading/required water storage capacity/sub-grade strength.

The maximum deviation of the base should not exceed 3mm 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 traffic and ground conditions pertaining on a given site.

