# Specification

SureSet
Permeable Paving
Bound with excellence since 1997

## Driveways - permeable base (SuDS Compliant)

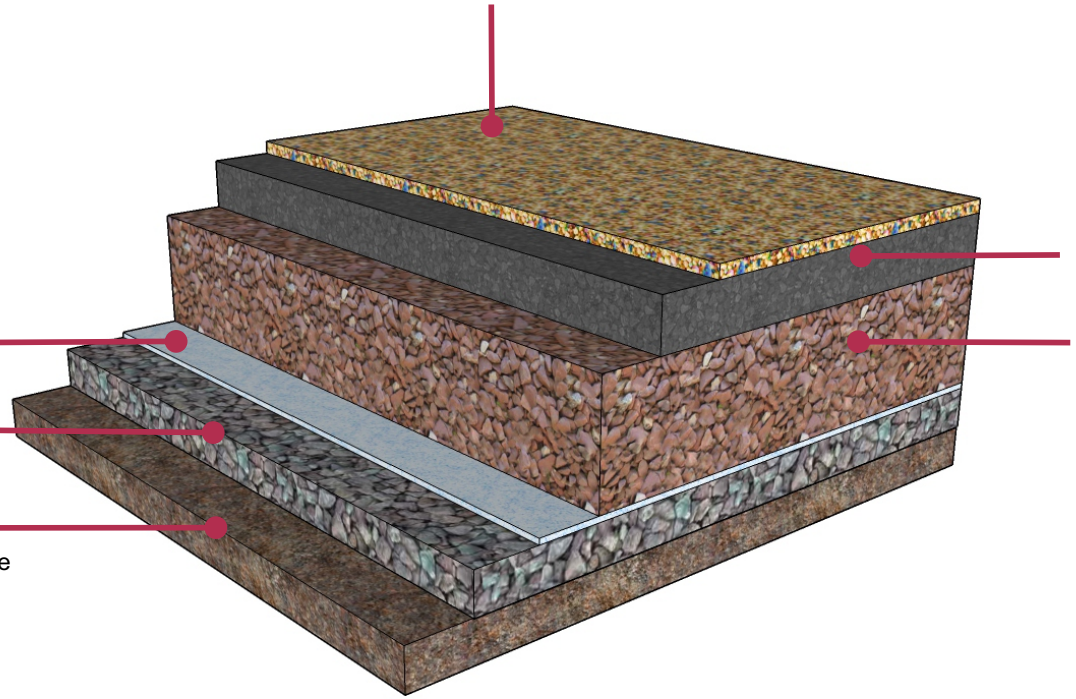
***Fully permeable build up above membrane***

**SureSet**
An aggregate size of **3**mm requires a standard depth of **16**mm
An aggregate size of **6**mm requires a standard depth of **18**mm
An aggregate size of **10**mm requires a standard depth of **30**mm
Fine grit is lightly cast onto an uncured surface

**Membrane**
An impermeable membrane to convey water to retention/detention/storage systems etc
**OR**
A geo-textile separation membrane to allow infiltration directly into sub-grade and to prevent upward migration of fine soil particles may be required.

**Capping/Improvement layer**, if required, in one or more layers. (please see notes on reverse)

**Sub-grade**
Top soil stripped back until organic and vegetative material has been removed.



**Asphalt Binder Course**
Laid by others in well compacted layers.
A 70mm minimum depth of maximum size AC 10 open graded asphalt.
Max 100/150 pen to BS EN13108-1:2006 (Bituminous Macadam) or (recommended BBA approved polymer modified binder).

**Sub-base**
Laid by others in well compacted layers.
A 175mm minimum depth of well compacted Type 3 granular sub-base to SHW clause 805 or 4/40mm, 4/20mm graded crushed concrete aggregate to BS EN12620 or locally available secondary or recycled aggregates which comply with the above specification blinded with 2/6.3mm graded crushed concrete aggregate to BS EN12620.

## Also suitable for
**Courtyards, Town centres & Occasional maintenance vehicles**

*Please refer to specification guidance notes on reverse side.*

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## Turning Driveways - permeable base (SuDS Compliant)

For further information or technical enquires, please contact the Technical Sales Team
01985 841180, mail@sureset.co.uk or visit our website www.sureset.co.uk

**Notes**

- SureSet can be overlaid onto existing sound asphalt or concrete surfaces of suitable construction for the traffic expected.
- Areas that may be trafficked by heavy vehicles should have structural layers designed according to Highways Agency requirements.
- The maximum deviation of the binder course should not exceed 3mm under a 1 metre straight edge.
- The thickness of the sub-base layer required is dependent on sub-grade soil conditions and expected loading.
- If plastic or silty sub-grade is present (CBR <2%) then a granular capping layer may be necessary.
- Any sub-base should be laid in a damp condition and compacted using multiple passes of a vibrating plate compactor or suitable vibrating roller.

For further information on any of the above please contact SureSet Technical Sales on 01985 841180

*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.*

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