

# Specification

# SureSet<sup>®</sup>

Permeable Paving  
Bound with excellence since 1997

## Public Pathways - permeable base (SuDS Compliant)

*Fully permeable build up above membrane*

### SureSet

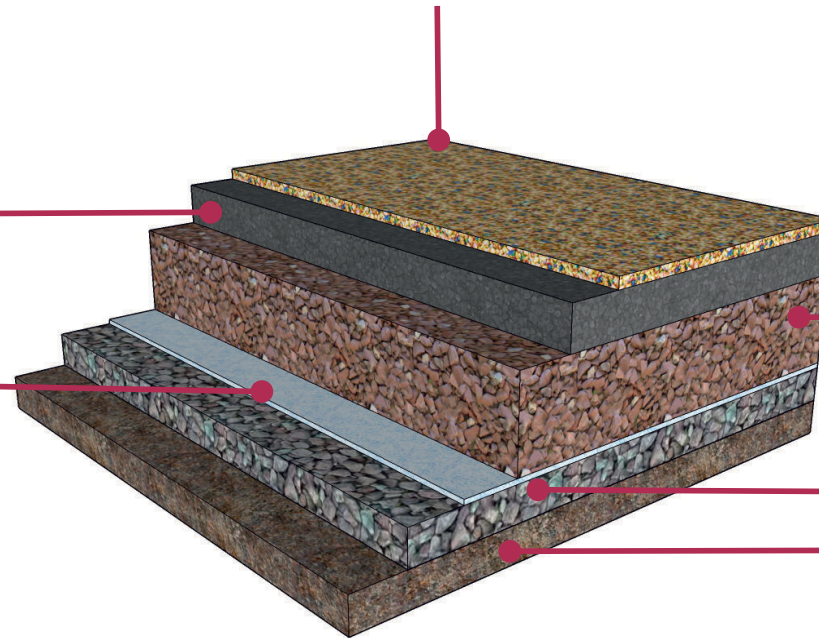
An aggregate size of **3mm** requires a standard depth of **16mm**  
An aggregate size of **6mm** requires a standard depth of **18mm**  
An aggregate size of **10mm** requires a standard depth of **24mm**  
Fine grit is lightly cast onto an uncured surface

### 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).

### 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.



### 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 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.

**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.

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

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



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For further information or technical enquires, please contact the Technical Sales Team  
01985 841180, [mail@sureset.co.uk](mailto:mail@sureset.co.uk) or visit our website [www.sureset.co.uk](http://www.sureset.co.uk)

### Notes

- SureSet can be laid onto existing sound asphalt surface 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 suitably sized vibratory 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.*