

Specification

SureSet

Permeable Paving

Bound with excellence since 1997

Turning Driveways - permeable SureCell base (SuDS Compliant) 

Fully permeable build up above membrane

SureSet

An aggregate size of **3mm** requires a standard depth of **24mm**
An aggregate size of **6mm** requires a standard depth of **24mm**
An aggregate size of **10mm** requires a standard depth of **28mm**
Fine grit is lightly cast onto an uncured surface

Membrane

An impermeable membrane to convey water to retention/detention/storage systems etc

OR

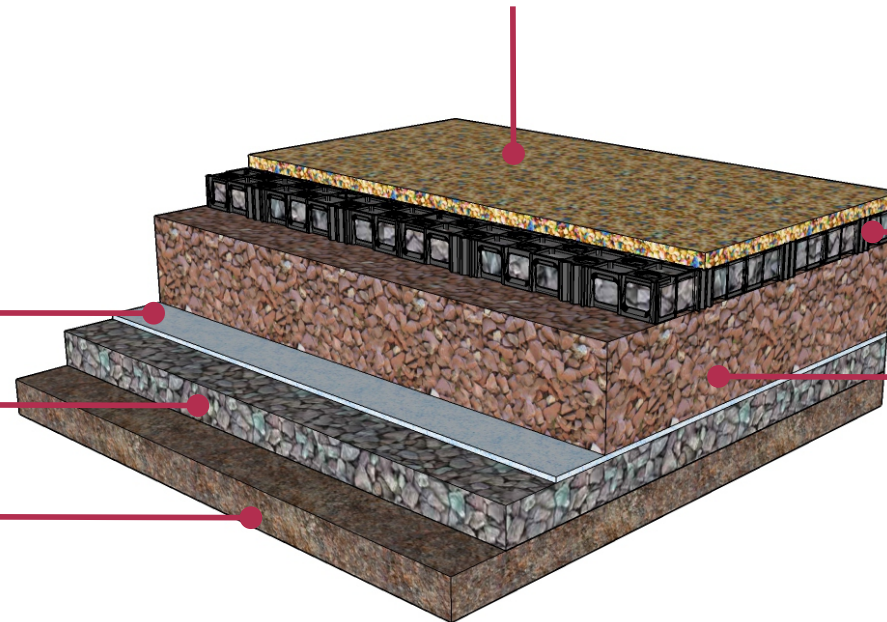
A geo-textile separation membrane to allow infiltration directly into sub-grade and to prevent upward migration of fine soil particles may be required.

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.



SureCell (Installed by SureSet or others)

52mm depth fully connected cellular reinforcement structure infilled with well compacted 4/10mm graded crushed aggregate to BS EN12620

Sub-base

Laid by others in well compacted layers.
A minimum 150mm depth of well compacted Type 3 granular sub-base to SHW clause 805, or 4/40mm, 4/20mm crushed 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
Pathways & Occasional Maintenance Vehicles**

Please refer to specification guidance notes on reverse side.

SureSet UK Ltd ©T139 V3

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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

- Appropriate edge restraints required.
- The sub-grade should be shaped and regulated where necessary and soft spots removed.
- The sub-base should be appropriately compacted using multiple passes of a vibrating plate compactor or suitably sized vibratory roller.
- The maximum deviation of the sub-base surfacing should not exceed 5mm under a 1 metre straight edge.
- 'SureCell' should be infilled with 4/10mm crushed aggregate with a surcharge prior to compaction. Appropriate compaction using multiple passes of a vibrating plate compactor or suitable sized vibratory roller should be carried out until the granular material is flush with the top of the SureCell.
- If extra granular material is required add more then compact until the infill is flush with the top of the SureCell.
- 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.