

# Rural Pedestrian Areas permeable base (SuDS compliant)



## Information for specifiers, engineers and contractors

A FlexiSet aggregate size of 6mm requires a standard depth of 22mm

### Concrete Base

Laid by others to a 100mm minimum depth of 10mm no-fines concrete 4 to 4 1/2 :1:0.4 aggregate cement water ratio or as specified by the engineer. New concrete should be cured under plastic sheeting for at least 7 days and primed with a polymer based primer. Further details available on request.

### Asphalt Binder Course (preferred base)

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 EN 13108-1:2006 (Bituminous Macadam).

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 En12620 or locally available secondary or recycled aggregates which comply with the above specification blinded with 2/6.3mm graded crushed concrete aggregate to EN12620.

An impermeable membrane to convey water to infiltration/storage systems etc

OR


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

Capping Layer if required in one or more layers. (please see notes on reverse)

Sub-grade

# FlexiSet

a SureSet product

 indicates permeable layer

Please refer to specification guidance notes on reverse side.

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# Specification

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[For further information or technical enquiries, please contact the Technical Sales Team](#)  
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### **Notes**

- FlexiSet 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 SureSet. 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 SureSet approved primer prior to installation.
- 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.
- SureSet base material is formulated using the same permeable technology as SureSet surface products. SureSet base can be used as an alternative option for the regulation of existing or newly laid bases to achieve required deviation tolerances (3mm under a 1 metre straight edge) or as a binder course where it is impractical to use more traditional base material.

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 surfacing and does not absolve the specifier from designing a construction suitable for the expected use and ground conditions pertaining on a given site.*