

Specification Advice

For laying
SureSet flexible resin bound aggregate surfacing



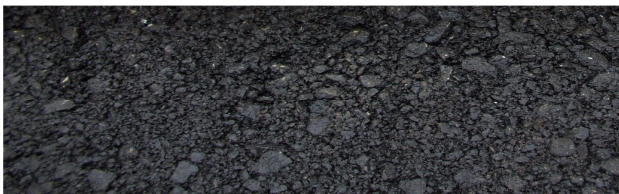
Urban Pathway with occasional maintenance vehicles

Fine sand lightly cast onto uncured surface



The typical depth of SureSet Permeable Paving surface:

A SureSet aggregate size of 3mm requires a 16mm depth layer of SureSet
A SureSet aggregate size of 6mm requires a 18mm depth layer of SureSet
A SureSet aggregate size of 10mm requires a 24mm depth layer of SureSet



Binder Course laid by others in well compacted layers to a minimum fall of 1.5% (1 in 66)

A 50mm minimum depth of maximum size AC 14 close graded asphalt concrete, max 160/220 pen to BS EN 13108-1:2006 (Bituminous Macadam).
OR
50mm depth SureSet equivalent base layer.



Sub-base laid by others in one or more well compacted layers to a minimum fall of 1.5% (1 in 66)

A 150mm minimum depth of well compacted non-frost susceptible Type 1 granular sub-base to SHW clause 803, or locally available secondary or recycled aggregates which comply with the requirements of The Specification for Highways Works for sub-bases.



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

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



Sub-grade

Purpose

An attractive, practical and durable surface.

Advantages

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

Notes

SureSet 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.

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 dependant on sub-grade soil conditions and expected loading.

If plastic or silty sub-grade layer is present (CBR < 2%) then a granular capping layer may be necessary.

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.

Specification Advice

QRSA7133
Urban Pathway



Urban Pathway with occasional maintenance vehicles



If you have any enquiries call our technical sales team on: +44 (0)1985 841180

The details in this specification are intended only as a guide in specifying SureSet products, actual designs should be developed by the project designers taking into account the specific circumstances of the intended application. SureSet assumes no responsibility for improper reliance upon or misuse of the data herein. Product design and specification are subject to change without further notice.

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