

Specification Advice

For laying
SureSet flexible resin bound aggregate surfacing



Steel Footbridge suitable for pedestrian use

Fine sand lightly cast onto uncured surface



The typical depth of SureSet Permeable Paving surface:

A SureSet aggregate size of 3mm requires a 12mm depth layer of SureSet
A SureSet aggregate size of 6mm requires a 16mm depth layer of SureSet
A SureSet aggregate size of 10mm requires a 22mm depth layer of SureSet

Sub-structure laid by others

A 100mm minimum depth of AC 32 dense base asphalt concrete, max 100/150 pen to BS EN13108-1:2006 (Bituminous Macadam) or a lightweight fibre reinforced polymer modified paving grade concrete to BS5328..

OR

100mm depth SureSet equivalent base layer.

Steel bridge deck in accordance with engineer's specification.



Purpose

A seamless, flexible and hard wearing surface.

Advantages

Permeable, easy to maintain, and quick drying.

Notes

The preferred option is either galvanised or unpolished stainless steel deck plates rigidly joined to one another and to the sub-frame to prevent relative movement between plates when the SureSet can be directly applied to the deck after priming.

If mild steel, a suitable paint protection should be chosen to prevent rust staining of the SureSet. In this case the paint manufacturer should be contacted for advice on the compatibility of their product with SureSet resin.

Attention should be given to ensuring adequate drainage at the surface and at the SureSet/steel deck junction.

Decks should be suitably stiffened to prevent flexing.

Any movement joints should be brought up through the SureSet layer.

Concrete should be left for a minimum of 7 days with a wooden float finish and should be primed.

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

QRSA7155
Steel Footbridge



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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.