

Sudstech Permeable Paving



Pedestrian & Light Traffic | Cell Sub-Base

Sudstech is a high performance permeable paving solution that enables you to create beautifully decorative resin bound surfacing, with practical and durable qualities to match.



1- Sudstech Permeable Paving 50mm

Our top wearing surface consists of a blend of aggregates mixed with our own unique tensile resins, specially formulated to work in collaboration with our innovative flexible base made up of a unique blend of recycled cross cut rubber of different densities and size as well as particles of recycled plastic to form a patented flexible permeable base. This creates a fully permeable system that acts independently to sub base offering a 50mm 360 degree SuDs compliant system. Resistant to both clogging and freeze thaw this layer can be laid extremely quickly, without falls. No additional drainage is required as Sudstech is a highly effective soakaway and the area can be trafficked in under 24 hours after completion of works.

2 – Cell System

45mm depth fully connected cellular reinforcement structure infilled with well compacted 4/10mm graded crushed aggregate to BS EN 12620

3 – Geo-Textile Membrane

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

4 – Sub-Grade

Description

Sudstech is a high quality resin bound paving solution. The porous nature of the resin bound system means water can drain effectively through the layers eradicating standing water.

Available in a choice of colours and finishes, the design possibilities are endless and enable you to create a truly unique look.

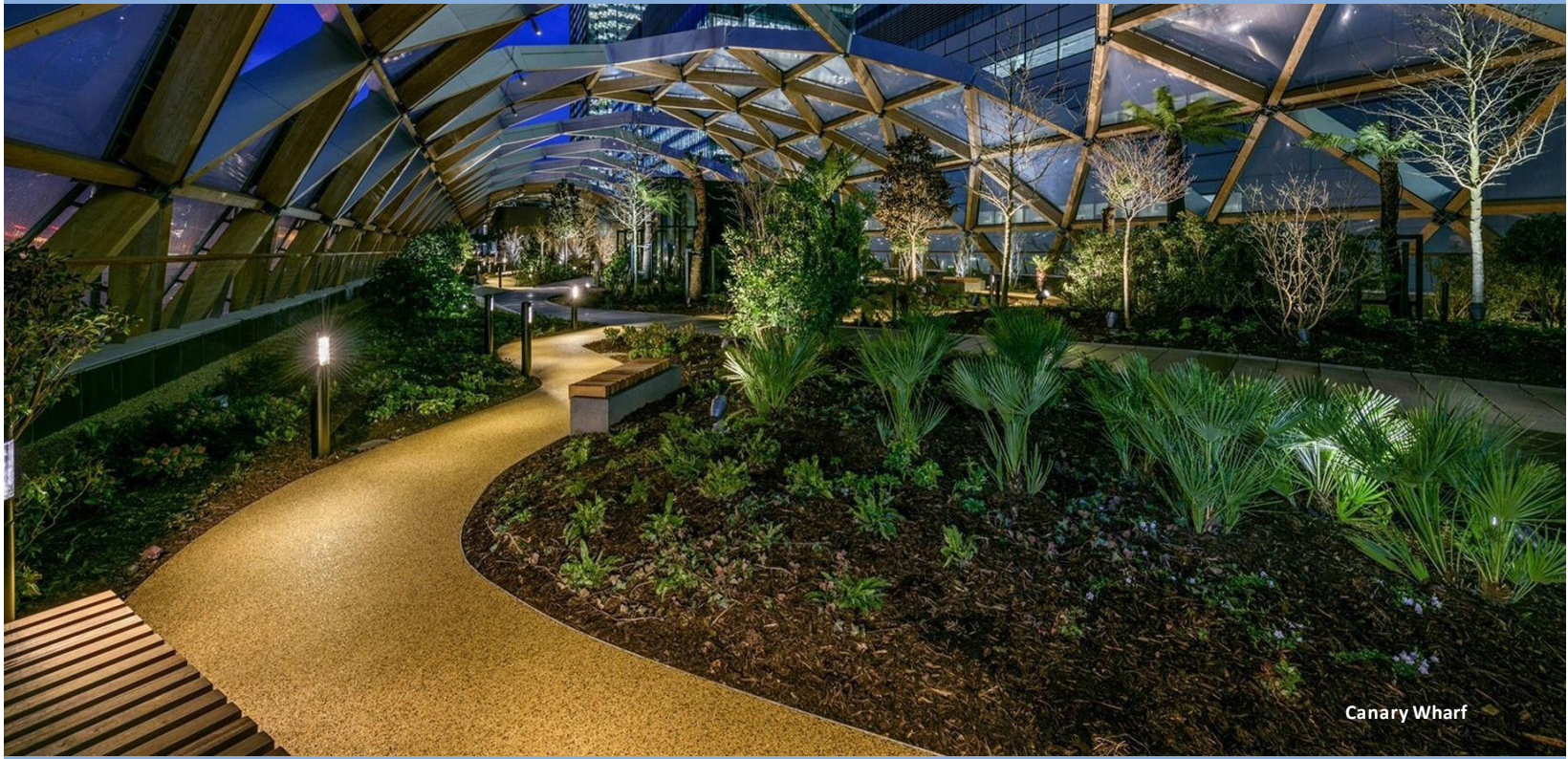
It is fully compliant with the requirements of Sustainable urban Drainage Systems (SuDS), which was introduced in 2011 to better manage water run off in urban areas.

Advantages

- It is a totally porous, no delamination, low maintenance surface paving solution
- Fully SuDS compliant, BREEAM accredited and BRE Tested Freeze Thaw Safe
- Environmentally friendly - unique system of resin bound aggregate over recycled car tyres
- Ten year porosity guarantee - combats flash flooding. Extremely low maintenance - remains porous
- Designed to be impervious to tree root intrusion and cracking
- 18 tonne straight line loading

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Specification Advice for Sudstech Permeable Paving

Typical groundwork specifications	Footpaths & Light Vehicle Traffic- 45mm depth fully connected cellular reinforcement structure
Speed of cure	24 hours
Typical construction	50mm – Sudstech Permeable Paving 45mm – Cell System Geo Textile Membrane



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Maintenance

Sudstech allows small finds/grit to agitate through the surface as the area is used. This produces a hostile environment for weeds and seedlings and ensures continual porosity. Sudstech allows expansion and contraction and is unaffected by low temperatures such as frost and ice which may otherwise cause damage during the freeze/thaw process.

Environmental impact

For every square metre laid Sudstech recycles up to 3 tyres reducing waste. In some commercial situations the tyres saved during the installation of your Sudstech surface can be offset against your company's carbon footprint. For more information contact a member of the Sudstech team.

This specification is based on normal good practice for flexible surfacing and does not absolve the specifier on designing a construction suitable for the expected trac and ground conditions pertaining to a givensite.

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