

SUDS-bondTM from Abacus Playgrounds

Abacus SUDS-bond[®] is a one of a kind porous paving solution – ideal for built up areas, as it actively prevents floods, enhances drainage and, crucially, may not need planning permission.



WHY SHOULD YOU USE THIS PRODUCT?

SUDS-bond[®] poses a solution to a problem that is increasingly affecting urban areas - worsening flooding due to lack of drainage and non-permeable paving that blocks water absorption in cities, towns and the countryside.

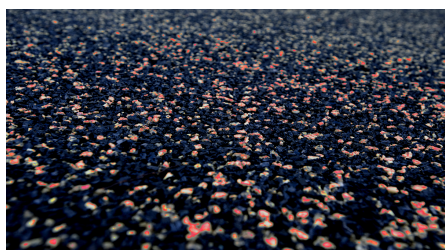
SUDS-bond[®] permeable paving reduces water run-off and doesn't involve a lengthy or drawn-out planning or approval process – just delivers simple, effective drainage that reduces the risk of flooding and is ideal for any number of applications.

KEY BENEFITS

- ✓ Effective water drainage
- ✓ Does not always require a newly engineered base
- ✓ Reduces risk of flooding
- ✓ Easy to install
- ✓ Very low maintenance
- ✓ Can eliminate planning requirements
- ✓ The unbroken surface is wheelchair and bike friendly
- ✓ The surface is perfect for edging playgrounds, cycle paths, walkways, tree surrounds and equestrian trails

SUDS-bond[®] is available in three blends:

RED aggregate



YELLOW aggregate



SILVER aggregate



WHAT'S SPECIAL ABOUT SUDS-bond™?

With urban areas under increased risks of floods due to poor drainage, high rainfall levels and changing weather patterns, the surface offers an easy to install and even easier to manage surfacing solution created from recycled rubber.

SUDS-bond® is composed of black rubber granules, coloured aggregate and a polyurethane binder to create a surface that has excellent grip and enduring toughness.

When installed with the right groundworks and a suitable base, SUDS-bond® is an entirely permeable paving solution that meets the requirements for SUDS (Sustainable Urban Drainage Solutions), hence the name.

TECHNICAL DATA

Specification	Sub-base		
	Concrete or tarmac	Well compacted stone	Other firm base
	Thickness (mm)		
	25mm	35mm	50mm
Test Certificates	<p>The surface has been independently tested for slip resistance and porosity.</p> <p>Test certificates and a copy of the full report can be requested. The test certificates are only applicable where ALL the constituents are purchased directly from Abacus and the surfacing has been supplied and installed by Abacus. Contact the Technical Department for more information.</p>		
Stability and ecology	<p>Once installed and fully cured the surface is considered inert and non-toxic</p> <p>The surfacing uses large quantities of recycled tyres, one of the most intractable wastes known to man and therefore has excellent environmental credentials.</p>		

INSTALLATION AND APPLICATION

Installation of our SUDS-bond® surfacing is carried out by skilled installers, the product is hand laid and materials are mixed on-site. The installation is usually carried out in one continuous visit, with access to within 30 linear metres of the site for a 7.5 or 18 tonne lorry.

Once installed the area needs to be protected until fully cured. Curing periods vary according to climatic conditions but typically can be between 6 and 24 hours. Full strength of the surface will not be realised for 3 days after installation so for heavily used areas it is advisable to restrict the use during the first 3 days.

Avoid installation during periods of rain, in standing puddles of water or at temperatures below 10°C.



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