KBI

Sustainable Porous Paving Solutions

FLEXIPAVE GENERAL INFORMATION



B25/01

flexipave by KBI

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SUSTAINABLE FLEXIBLE POROUS SURFACING

KBI UK is a specialist supplier of sustainable porous paving solutions. The products we supply have been created and developed by us, making KBI one of the leading exponents of porous surfacing. Our systems differ significantly from traditional hard surfaces, offering benefits through Flexipave's two key features: high porosity and flexibility. Our flagship product, KBI Flexipave, is a mixture of loose ground rubber (derived from recycled vehicle tyres) and stone aggregate, mixed on site with our unique polyurethane binder and installed by hand. The rubber and binder give the finished surface dynamic flexibility.



INSTALLATION AND DRAINAGE

KBI Flexipave is installed by hand and machine to achieve the required depth. The thickness of the finished surface depends on how it will be used, but our engineers work closely with clients to identify the best solution for each project. Flexipave is designed to promote water recharge directly into natural aquifers. We also provide several different solutions for managing rainfall once the water has penetrated our top surface, helping to support effective water management and sustainable drainage across a wide range of projects.

KBI FLEXIPAVE IS:

- Highly porous, allowing large volumes of water and air to penetrate the material.
- Able to be installed onto a number of different bases, including standard compacted stone.
- Dynamic, with the ability to gently flex and adjust to minor movement.
- Able to withstand extreme temperatures without cracking.
- Available in a variety of colours.

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HIGH POROSITY
Water drains straight through the surface, reducing puddles and surface runoff.

NATURAL WATER RECHARGE
Rainfall is encouraged to filter directly into natural aquifers, replenishing groundwater supplies.

DYNAMIC FLEXIBILITY
The rubber content allows the surface to move without cracking unlike traditional hard materials.

SUSTAINABLE MATERIALS
Made from recycled tyres and stone aggregate, it gives waste rubber a second life.

TAILORED INSTALLATION
Hand-intstalled to the required depth with thickness matched to how the surface will be used.

RAINFALL MANAGEMENT SOLUTIONS
Several options are available for managing water once it has passed through the top surface.





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