

“Flexible Porous Paving” - Sustainable Drainage Systems Solution

“Flexi-Pave” system is a distinctive trade-marked material that uses recycled car tyres, stone and a unique bonding agent to form a highly porous paving product. By using recycled car tyres as a core material, this is contributing towards a solution of an ever growing problem of tyre disposal in the UK.

Flexi Pave is extremely porous and helps to alleviate surface water runoff. Excessive surface water runoff is adding towards the over filling of the UK’s drainage system during storms and contributing towards localised flooding. By using a sustainable drainage solution (SuDS), this is helping to reduce these impacts.

By making minor modifications to the existing surface, Flexi-Pave can be fitted directly over it, reducing the need for expensive removal works, waste production and waste disposal



Original solution



Flexible Porous Paving

Key Benefits

- Laying the Flexi-Pave material on top of the old surface means that existing drains could be used.
- Flexi Pave is extremely porous and helps to alleviate surface water runoff.
- Reducing the need for expensive removal works.
- Waste production and waste disposal are greatly reduced.
- It also removes the need to use concrete and stone materials which may have come from unsustainable sources.
- Approximately 55 million waste tyres are produced in the UK each year (source: www.environment-agency.gov.uk) and if not properly reused, recycled or disposed of, can impact on the environment, affect local communities and undermine legitimate businesses.