KBI

Sustainable Porous Paving Solutions

FLEXIPAVE TREE SURROUNDS



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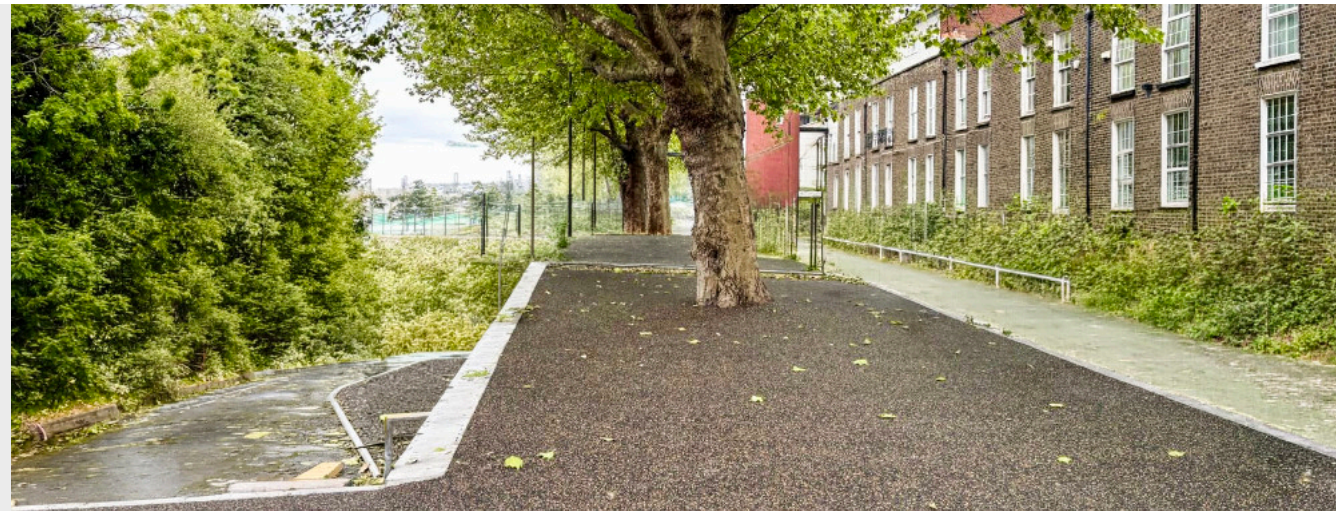
flexipave by KBI

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FLEXIBLE PROTECTION FOR TREES

Urban trees provide cleaner air, shade and biodiversity, yet their roots can lift and crack conventional paving, creating trip hazards and costly repairs. Councils and landscape managers must also protect tree health by ensuring that water and oxygen can reach the roots, which hard surfaces can restrict while loose gravel may fail to provide adequate supportThe challenge was to deliver a safe, accessible and durable tree surround that allowed natural permeability and could flex with root growth. Flexipave, made from recycled tyres, was ultimately selected for its porous, resilient and low-maintenance qualities.



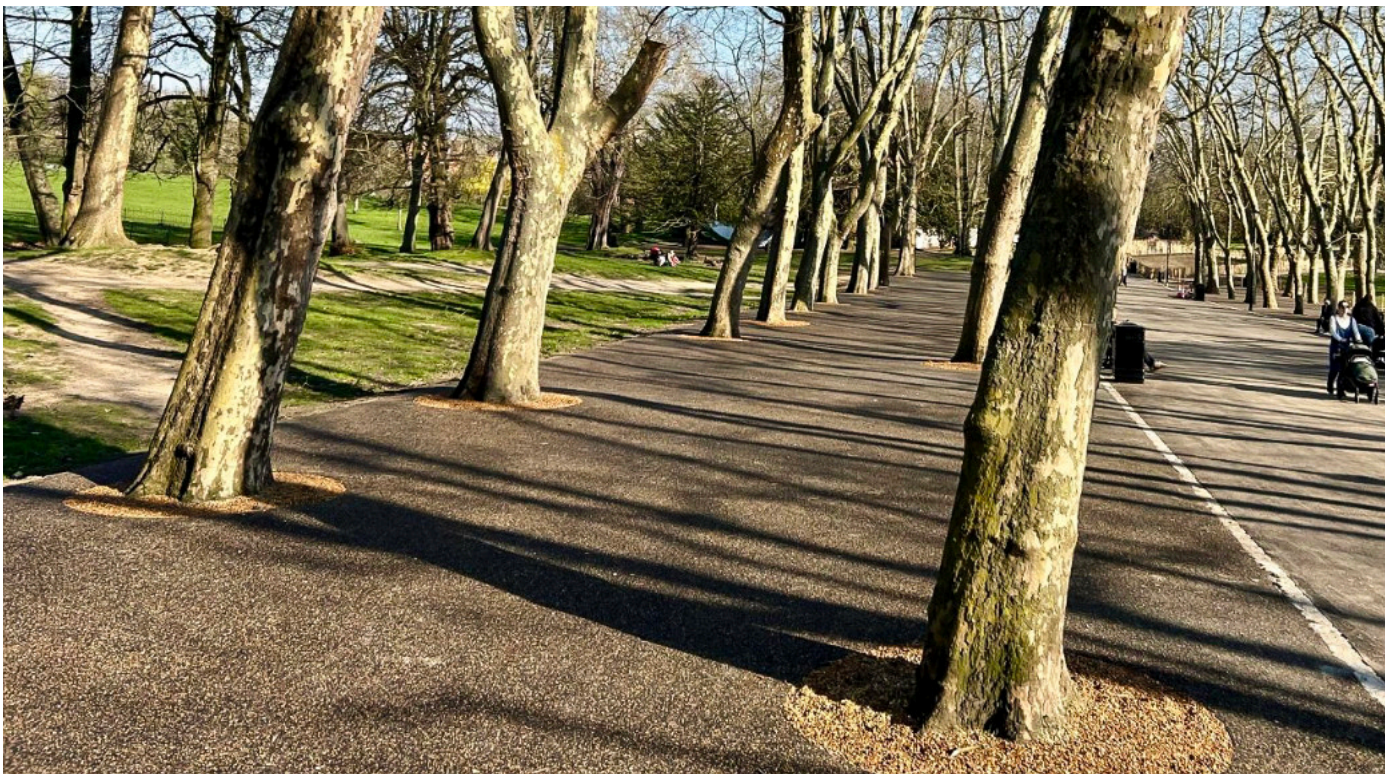
FLEXIPAVE TREE SURROUNDS

Flexipave creates a safe and accessible surround that protects trees while maintaining clear pathways. Its porous surface allows rainwater and air to reach the roots, supporting tree health and reducing the risk of standing water. Because the material is flexible, it moves with root growth rather than cracking or lifting, helping to reduce trip hazards and the need for costly repairs. Made from recycled tyres, Flexipave also provides a sustainable surfacing option. Quick to install and low-maintenance, Flexipave offers councils a durable, practical and environmentally responsible solution.



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PERMEABLE SURFACE
Allows rainwater and air to pass through to the roots, supporting healthy growth and reducing standing water.

FLEXIBLE MOVEMENT
Moves with expanding roots rather than cracking or lifting, keeping the surface safe and intact.

COMPACTION PROTECTION
Spreads foot traffic across the surface, helping to shield the soil and roots beneath from compaction.

TEMPERATURE INSULATION
Acts as a buffer against extreme heat and cold, helping to protect delicate roots throughout the year.

LOW MAINTENANCE
Requires minimal upkeep, with no weeds to clear or loose material to replace, saving time and cost.

SUSTAINABLE CHOICE
Made from recycled tyres, Flexipave offers an environmental alternative to conventional paving.







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