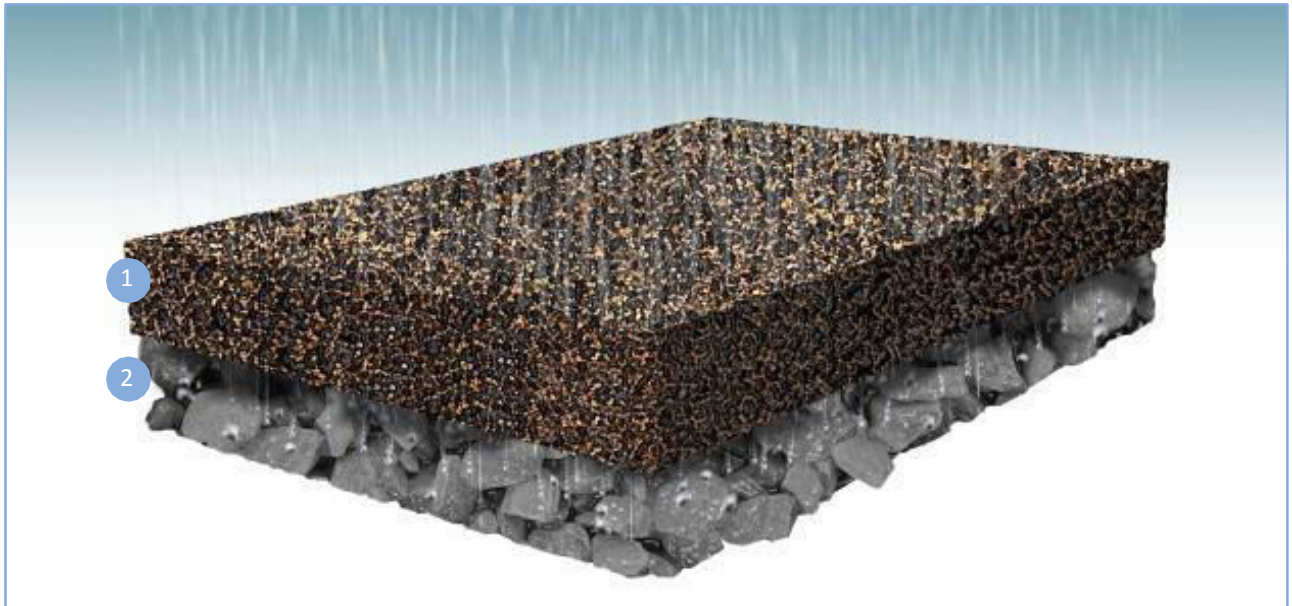


Trailflex Flexible Permeable Paving



Trailflex is a low cost, environmentally friendly and completely SuDS compliant flexible permeable paving which is flexible up to 90°.



1- Trailflex Flexible Permeable Paving 35 -50mm (resin bound recycled tyre and stone)

2 - Prepared Granular Sub-Base 150 - 200mm (compacted type 3 aggregate with reduced or zero fines)

An innovative surface comprised of resin bound recycled tyres and aggregate. Used as a fully permeable and eco friendly alternative to macadam or concrete surfacing. Resistant to both clogging and freeze thaw Trailflex can be laid extremely quickly, without falls and can be trafficked in under 24 hours. Dependant on depth trailflex can take traffic of up to 18 tonnes.

Laid by others type 3 granular sub-base, 4/20mm graded crushed concrete aggregate to En12620 or locally available secondary or recycled aggregates which comply with the above specification. The use of a clean angular stone also performs as an effective soakaway. Highway Agency requirements dictate a structural layer design in areas where heavy vehicles pass. The thickness of the sub base layer required is dependent on the sub base soil conditions and expected loading. If heavy clay or a silty subgrade is present (CBR>2%) then a granular capping layer or permeable geotextile may be necessary. If in doubt seek advice.'

Description

Originally developed for areas containing trees under protection order, Trailflex is a low cost and completely SuDS compliant water management solution. It uses recycled car tyre and stone bound with our specially developed resin to create one of the greenest paving solutions on the market today.

Trailflex allows for up to 90 degree flexibility without compromising weight loading or strength, in fact can take an additional weight loading of up to 19 tonnes.

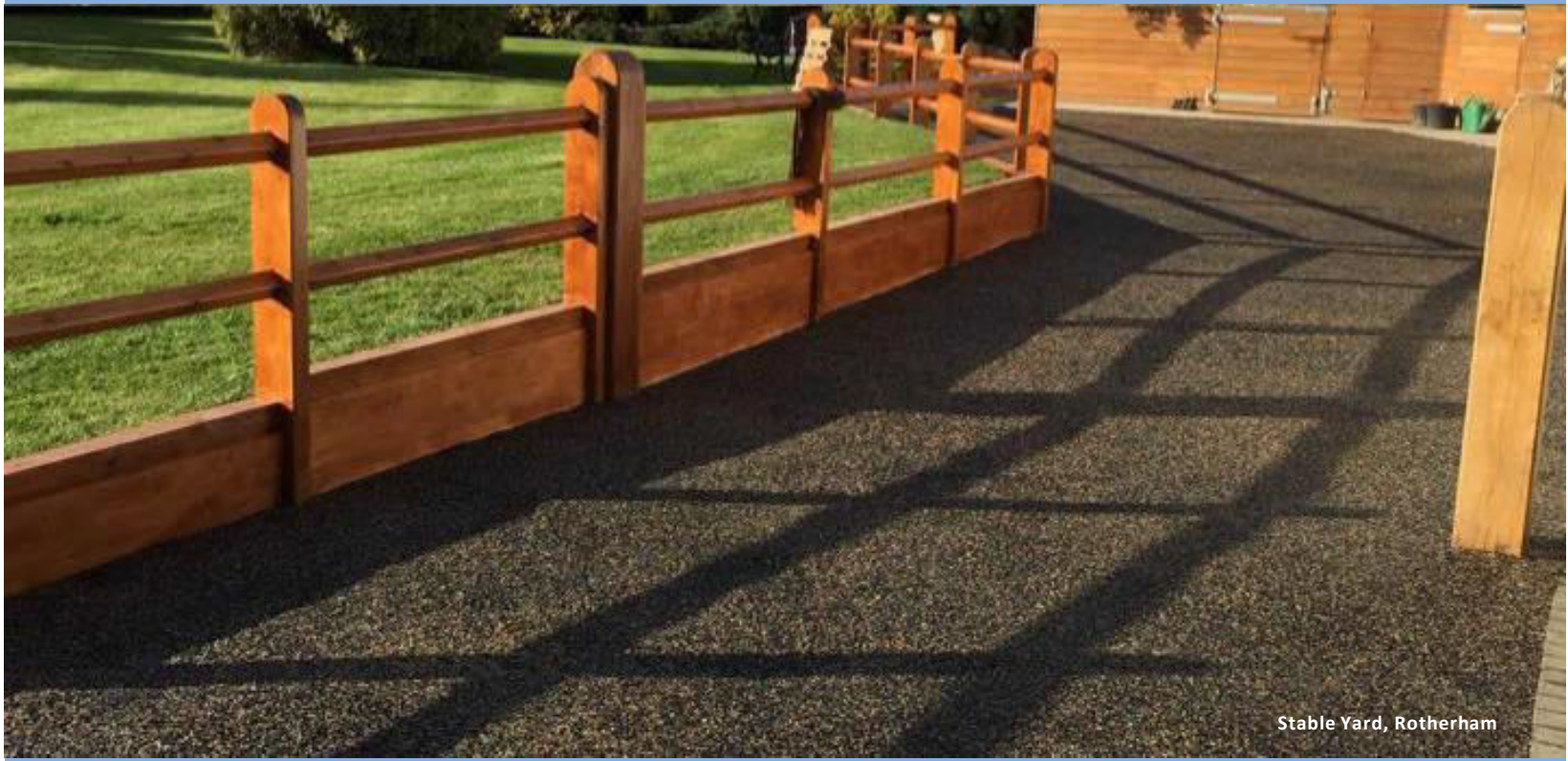
The finished surface adaptable in physical form therefore removing any risk of root intrusion and subsequent cracking.

Advantages

- One part cold poured system flexible to 90° - impervious to tree root intrusion and cracking
- Fully SuDS compliant, BREEAM accredited and freeze thaw safe
- Remains porous finds /grit agitate through the surface
- Unrivalled porosity - over 50,000 litres per m² per hour. With a ten year porosity guarantee
- Totally porous, extremely durable, low maintenance

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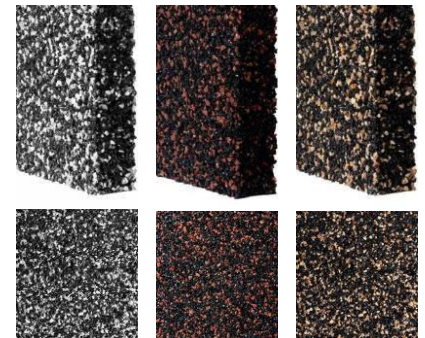
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Stable Yard, Rotherham

Specification Advice for Trailflex Permeable Paving

Typical groundwork specifications	Car parks/drive ways 200mm type 3 aggregate Footpaths through urban areas 50/100mm type 3 aggregate Forest/parks 50mm type 3 aggregate or laid directly on to the existing ground using Terram.
Speed of cure	16hours
Typical construction	35-50mm – Trailflex Permeable Paving 50 - 200mm – Prepared base (type 3 aggregate)



Maintenance

Trailflex 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. Trailflex 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 meter laid Trailflex recycles up to 3 tyres reducing waste. In some commercial situations the tyres saved during the installation of your Trailflex surface can be offset against your company's carbon footprint. For more information contact a member of the Trailflex 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 traffic and ground conditions pertaining to a given site.

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