

CELL SYSTEM

Light Traffic - Permeable Paving Solution



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

Fully compliant with Sustainable Urban Drainage System (SuDS), and BREEAM accredited, Trailflex is a low-cost porous paving surface that will not clog and requires virtually no maintenance. Providing fast and efficient drainage of rainwater the unrivalled porosity can drain up to 80,000 litres per square metre per hour replenishing groundwater and allowing surrounding trees and plants to thrive.

and stone bound with our specially developed resin creating one of the greenest paving solutions on the market today.

Fast to install, Cell System Trailflex can be trafficked in under 24 hours and it's straight-line loading of up to 10 tonnes makes for an extremely robust system suitable for almost any paving application in town or country.*

The one-part cold poured system consists of recycled car tyres

**Subject to ground conditions & weight. Check with technical for advice.*

ADVANTAGES

Flexible permeable paving - Flexible to 90°, totally porous and clog resistant, forming a low maintenance paving surface

SuDs compliant - 360 Degree attenuation and BBA approved system

Unrivalled porosity - A highly effective soakaway efficiently managing up to 80,000 litres per square metre per hour

Fast installation and curing - Areas can be trafficked in under 24 hours after completion

Impervious to tree root intrusion - The adaptable surface removes the risk of root intrusion and subsequent cracking

3 - TYRES RECYCLED PER METRE²

Trailflex recycles up to 3 tyres for every square metre laid and can help offset your carbon footprint.* Contact us to find out more.

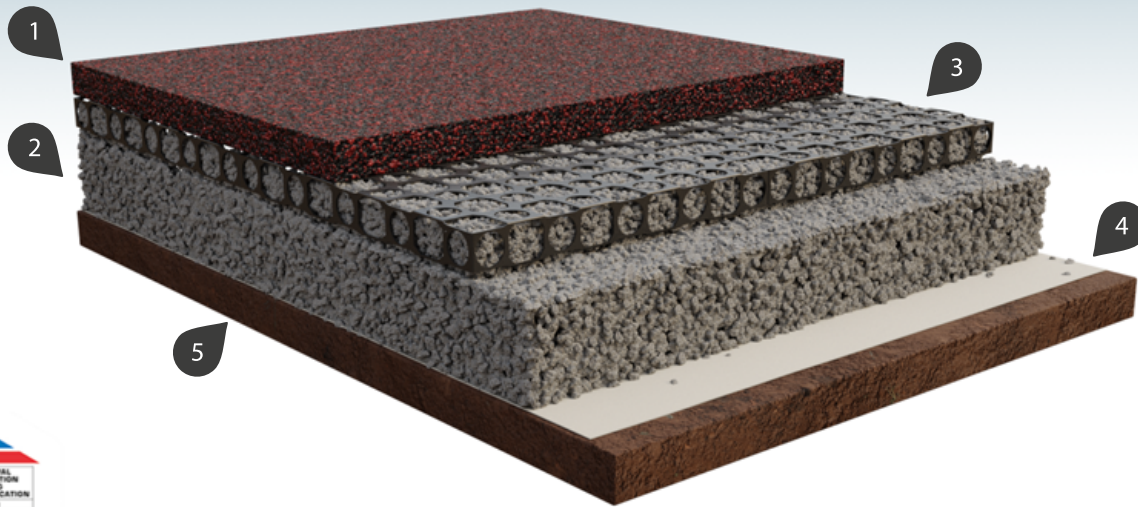
** This specification is based on normal good practice for flexible surfacing and does not absolve the specifier on designing a construction suitable for the expected traffic and ground conditions pertaining to a given site.*



20 - YEAR GUARANTEE & 10 - YEAR POROSITY GUARANTEE

Trailflex allows small particles of dirt and grit to agitate through ensuring the surface remains permeable. This allows us to offer a 10 year no clog guarantee.





1 Trailflex Porous Paving 35-50mm - 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.

2 MOT Type 3 Sub-Base 200mm (Type 1X) (4-20mm)* - Clean, compacted angular stone with little to no fines.* Acts as an effective reservoir storing water until it can be absorbed back into the ground.

3 Cell System - 40mm depth fully connected cellular reinforcement structure. Infilled with MOT Type 3 (Type 1X, 4-20mm) aggregate.*

4 Geo-Textile Membrane - Prevents upward migration of fine soil particles.

5 Existing ground - Sub-grade

**Sub-base laid by others. May also be substituted with locally available secondary or recycled aggregates which comply with the above description.*

SPECIFICATION ADVICE

Typical groundwork specifications

Footpaths & Light Vehicle Traffic -
40mm depth fully connected cellular reinforcement structure.
Infilled with MOT Type 3 (Type 1X) aggregate*
(Subject to ground conditions & weight. Please check with technical for advice.)

Speed of cure 4 - 16 hours (Weather dependant)

Typical construction

35-50mm - Trailflex Porous Paving
40mm - Cell System
Geo Textile Membrane

**Clean, Angular stone with little to no fines 4-20mm*

MAINTENANCE

Trailflex allows small fines/grit to agitate through the surface as the area is used. This produces a hostile environment for weeds and seedlings and ensures continual porosity.

Allowing expansion and contraction Trailflex is unaffected by low temperatures such as frost and ice which may otherwise cause damage during the freeze/thaw process.

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