



## Typical Specification advice for Trailflex porous paving

Typical groundwork specifications are as follows:

- 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.

Trailflex can be laid extremely quickly using minimal equipment and is ready to use within approximately 16 hours, reducing disruption to the public.

Trailflex is a one part cold poured system. We advise you to consult a ground engineer to ascertain the type of the ground you are working with prior to installation. Terram may be required beneath the type 3 in the case of heavy clay in the existing ground.

This specification is based upon standard good practice and must be adapted by the client in line with local conditions to provide a stable porous sub base. It is the responsibility of the specifier to design a construction suitable for the expected traffic and ground conditions. The resulting finish is dependent on the quality of the ground works.

### Public realm and urban areas

Trailflex is suitable for use in public realm spaces reducing trips and falls and providing a pleasant surface on which to walk. Due to the shock absorbent qualities of the surfacing it can also reduce the risk of potential injury to joggers and walkers. We generally recommend a minimum of 50mm of type 3 aggregate for footpaths and 200mm for car parks or driveways. This specification provides a level surface which will remain free of standing water due to the highly porous nature of the product. Trailflex will accept up to 50,000 litres of rainwater per square metre per hour.

### Forest trails and park paths laid directly on to Terram ONLY

Trailflex is designed to flex to 90 degrees. It can therefore be laid directly on to Terram. Using this method of installation allows Trailflex to adapt allowing the surface to follow the contours of the surrounding terrain. This is especially useful where there are restrictions on the use of heavy machinery or problems with access to remote areas.



### Heavy clay soils

Trailflex is effective on heavy clay soils but we generally recommend that the type 3 aggregate is increased to 300mm in order to further slowdown the return of rainwater to the water table. As clay tends to liquefy when saturated Terram will usually be required to stabilise the ground beneath the type 3 aggregate. We would suggest seeking the advice of a ground engineer before installation to assess ground conditions.

### 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 metre 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.

### Compliance

Trailflex is fully SUDS compliant and up to 4 BREEAM credits are available.

**For More information about Trailflex  
Please get in touch with a member  
of our team on  
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Or  
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