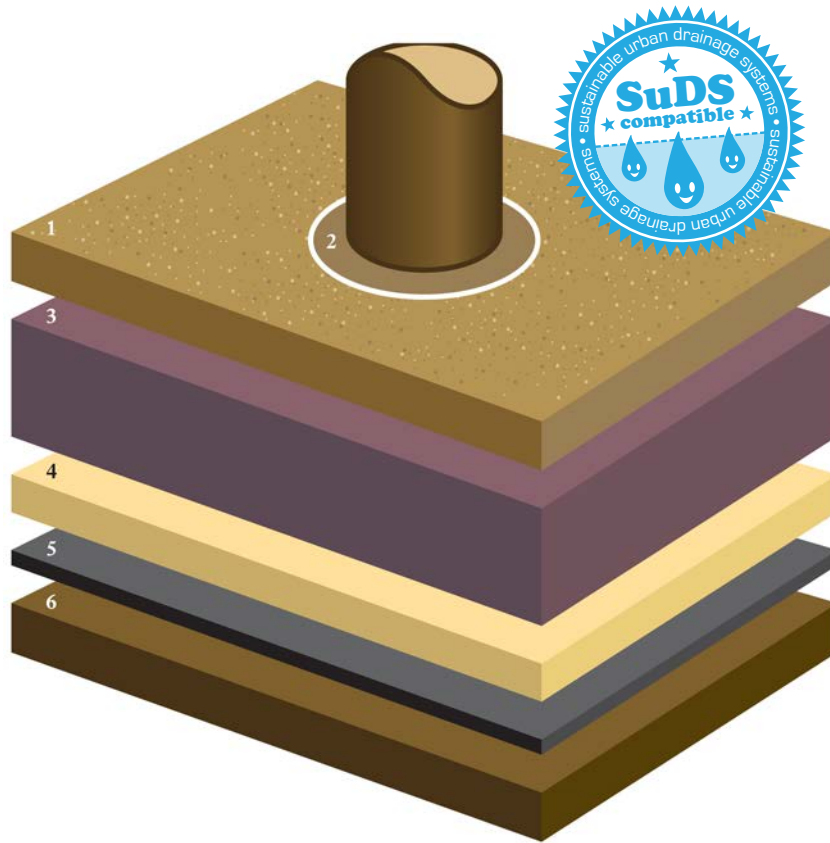


Ayton Clearmac®

specification advice for laying a tree pit (SUDS)
suitable for heavy pedestrian traffic



1. Clearmac® cold-applied paving surface: 40mm layer depth for 10mm size aggregate.

2. Temporary or permanent collar: formed from circular plastic strip, land-drain pipe, wood etc as appropriate. Allow 50mm minimum clearance around trunk. Installed by others. Not always necessary for established trees.

3. Sub-base: 150mm minimum layer depth of well compacted type 3 granular sub-base to SHW clause 805 or 4/40mm graded crushed concrete aggregate to EN12620 or locally available secondary or recycled aggregates which comply with the above specification blinded with 2/6.3mm graded crushed concrete aggregate to EN12620. Laid by others. Not necessary in the case of established trees, providing the existing soil is free draining.

4. Soil: a suitable depth of well compacted reinforced tree sand worked well around the root ball to avoid settlement.

5. Geo-textile membrane: to prevent upward migration of fine soil particles and to serve as a root barrier may be required. (optional)

Performance

Clearmac® cold-applied paving provides a hardwearing textured surface that is attractive and easy to maintain.

Quick drying, Clearmac® is typically cured and ready to use by foot traffic in four hours.

Advantages

The SUDS compatible surface is permeable and avoids the need for planning permission.

Notes

Clearmac® can be overlaid onto existing soil of an established tree providing the soil is free draining.

The maximum deviation of the binder course should not exceed 3mm under a 1 metre straight edge.

Areas that may be trafficked by heavy vehicles should have structural layers designed according to Highways Agency requirements.

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