

PE Pipework



Underground vapour pipe must be Medium Density Polyethylene, commonly called PE. This must only be used for vapour installations up to 2bar. The size of PE is determined by the length, pressure and kW required, Technical Services will calculate the size to be used. Installation of PE pipe must only be done by competent persons.

Installation of PE Pipework



The pipework will be laid in an open excavation and backfilled with a suitable material free from stones, rocks, bricks or concrete making sure no sharp objects will penetrate the pipe. The pipe should be laid on a sand base and covered with approx 100mm sand.

Where no abnormal loading is likely, the cover should not be less than:-

- 600mm within a private property and under tarmac or grass footpaths, where there is no likelihood of heavy traffic (Fig 15).
- 750mm under roadways and grass verges and elsewhere. Lesser cover may be approved by a competent person if experience indicates that the proposed location gives rise to a negligible risk of interference damage (Fig 16).

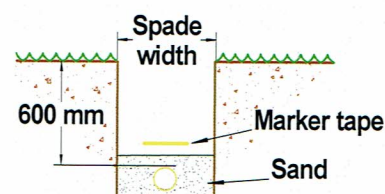


Fig 15

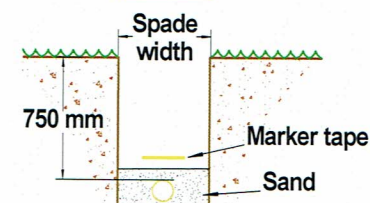


Fig 16

Where the pipe passes through agricultural land the depth of cover should be increased to 1100mm.

Only in extremely hard ground conditions is it possible to reduce the depth of where the risk of damage, mechanical or otherwise, is negligible. If not, the depth of cover shall not be less than 600mm.

- 375mm depth of cover must have concrete slabs covering the run of pipe set 100mm above the pipe (Fig 17).

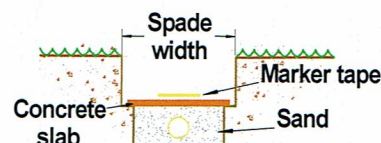


Fig 17

You should seek advice and approval from Technical Services if the depth of cover is less than 600mm.