

# Uretech® MTC<sup>★</sup> Micro-Trenching Compound

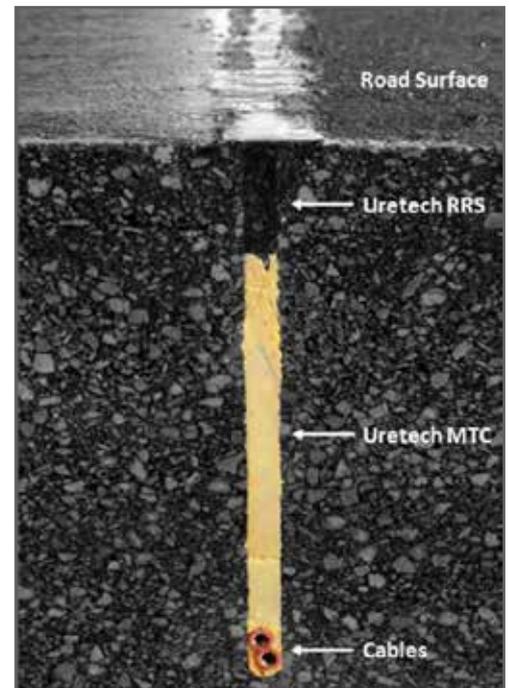
Uretech MTC is a Micro-trenching compound used to fill a slot which has been cut in the ground of an existing surface to create a path or trench for the installation and replacement of utility apparatus and fibre optic cable lines.

Uretech MTC has been specifically developed for narrow trench filling and enables a cost effective, long-lasting cable installation procedure that incurs minimal inconvenience to the surrounding community, produces long lasting, aesthetically pleasing end results, and highlights the existence of cables during future site work, reducing the likelihood of accidents or damage.

Micro-trenching is an innovative technique that can be used to deploy communications infrastructure, typically fibre optic cable, in highways. Under the right circumstances the technique has the potential for low-impact deployment methodology in which fibre optic cable and sometimes conduits are laid into a slot-cut trench less than 20mm wide, and typically between 120-300mm deep, without disrupting or damaging existing infrastructure in the highway. The trench is then reinstated, often making it difficult to even notice that works have taken place.

Using Uretech MTC can save considerable time in deployment, as well as using fewer resources, and can have a reduced environmental impact, with less waste removed from trenches or transported to the site for backfill.

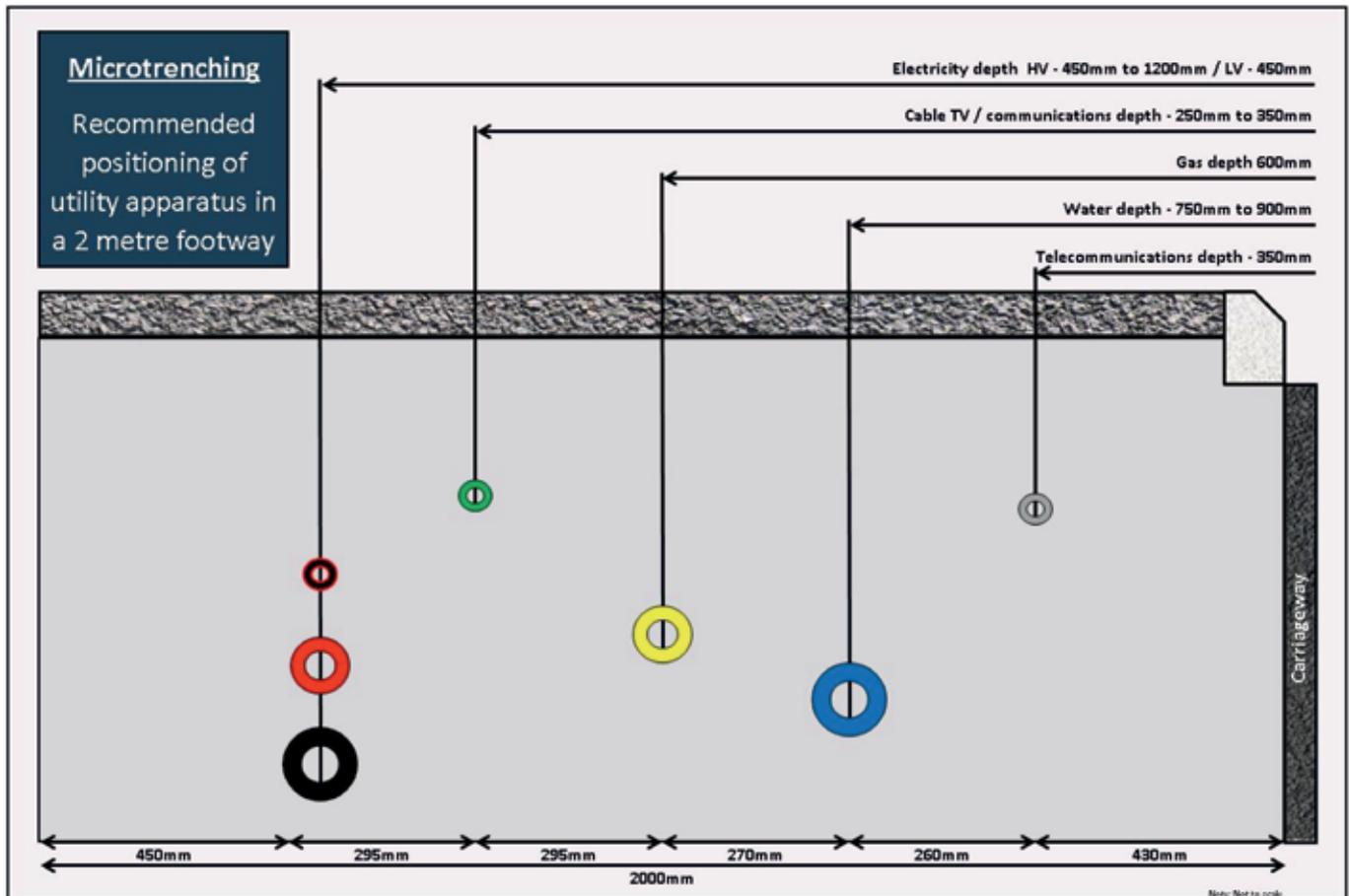
Traditional construction methods typically cost in the order of £75-125 per metre and a single team will typically complete 30-50m a day. Micro-trenching uses approximately one hundredth of the material needed to backfill the trench and where the technique is appropriate typical costs are in the order of £10-15 per metre and a single team will typically complete 150-200m per day.



## Installation:

Uretech MTC is designed to fill and/or repair narrow voids without mechanical compaction. It is pigmented yellow to provide a warning of the presence of underlying electrical installation.

Uretech MTC should be mixed in a forced action mixer such as a CreteAngle or Baron mixer however, a 30ltr Daines Mixal mixer is ideal for mixing a single kit quickly and efficiently. The aggregate should be tipped into the mixer first which is then started, and then the remaining components should be added in the order B, C & D and mixing continued until a uniform mix is obtained. This should take approximately 60 seconds. The resulting mix can then be poured into the micro-trench/void by mechanical means or manually, with subsequent minor agitation to produce a level surface. The Compound will be fit for traffic after 1-2 hours dependent on ambient temperature.



**Star Uretech**<sup>®</sup>

Enterprise House, Hollin Bridge Street, Blackburn BB2 4AY  
Tel: +44 (0)1254 663444 Fax: +44 (0)1254 681886  
Email: info@star-uretech.com www.star-uretech.com