

UV (Ultra Violet) Pipe Lining

UV Pipe Lining:

- Based on the ProKasro Ultra Violet (UV) cured in place pipe technology, the Andidrain Lining Division are able to carry out trenchless pipe rehabilitation in a fraction of the time of conventional pipe lining methods using water or steam
- The pipe liner is made of fibre glass and is impregnated in the factory with a liquid resin
- The pipe liner is installed by winching the liner into place using a downstream and upstream manhole. Once in place the liner is inflated by air and a UV light train is pulled at a pre-determined speed through the lining which cures the liner in place
- Lateral connections are logged during the pre-lining CCTV survey and post lining are reopened using our robotic cutter.

Applications:

- Pipes diameters from 150mm to over 1600mm can be lined
- The full pipe length can be lined manhole to manhole or a small section of the pipe length can be lined (patch lining)
- Structural liner to prevent further deterioration of the pipe
- To prevent root regrowth after root cutting
- Pipe lining to stop ground water infiltration or exfiltration (leaking pipe)
- To improve flow characteristics to prevent operational problems such as repeat blockages



Brick sewer prior to lining



Brick sewer post lining



UV Pipe Lining vehicle