

Drainblock Bag™

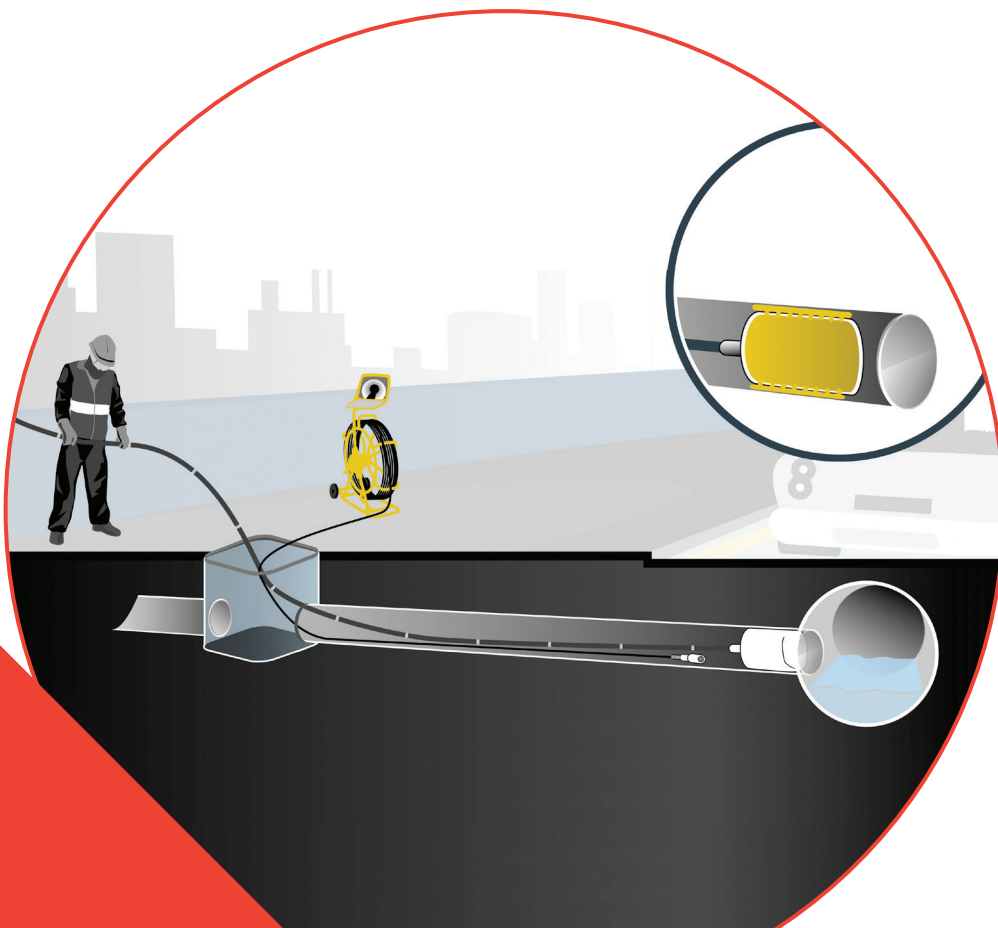
The DRAINBLOCK BAG™ is based on our highly successful FOAMBAG™ system which is widely used and well proven for flowstopping in the gas distribution industry.

A semi-porous bag, containing a sealed sachet of PU resin foam is positioned at the point where the

disused lateral drain or sewer meets the parent main. At full expansion some of the foam seeps through the bag to adhere to the inner walls of the pipe to form a permanent plug. The lateral is accessed at a non-sensitive location.

DRAINBLOCK BAG™ comes in convenient kit form with everything required to carry out the sealing operation. The DRAINBLOCK BAG™ technique is designed for use where the prevention of water ingress/ egress or odour is a priority. It is designed to resist a head of water

up to 5 metres in height. The technique has been developed to meet the requirements of “The Drain Repair Book - 2nd Edition” and the “Civil Engineering Specification for the Water Industry - 6th Edition”.



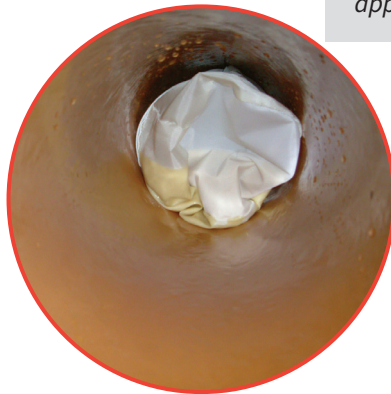
Benefits

- **Minimises disruption – avoids excavating in the roadway as the bag can be installed 15 metres from the point of access.**
- Prevents ground water from entering sewers.
- **Avoids erroneous/unauthorised connection to clean water drainage systems via disused laterals.**
- No risk of sealing material entering main.
- **Easy to use – available in kit form.**
- Ease of disposal - Once mixed the PU foam is inert and can be disposed of with normal waste.
- **WRc Approved – Drainblock is certified for remotely sealing off disused drains and sewer laterals (75mm-150mm)**

The DRAINBLOCK™ kit comprises an outer bag, FOAMPACK™ sachet and piercing knife



The DRAINBLOCK BAG™ in position in the early stages of expansion



Applications

For use on clay, concrete, metal and plastic pipes. Ideal for use by Council contractors, water and sewerage companies, drainage contractors, facilities management, and maintenance teams. Standard kits are available for 100mm (4") and 150mm (6") pipes. Other dimensions are made to special order.

- For use on disused drains, sewers, relocated WCs, abandoned ducts etc.
- Prevents the ingress/egress of water
- Stops the passage of odour

Method

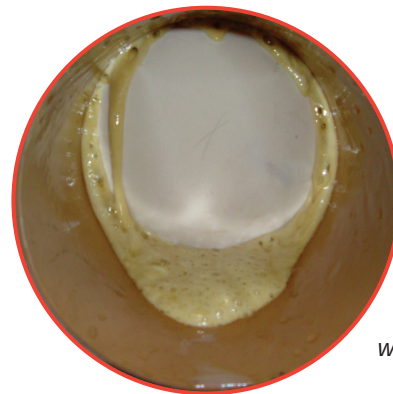
A CCTV camera is used to locate a suitable position for the DRAINBLOCK BAG™. The two-part resin foam is mixed in the FOAMPACK™ sachet and then zipped into the restraining bag together with the piercing knife. These are then placed in the outer DRAINBLOCK BAG™ and the zip closed. Drain rods are attached to the nylon tube on the bag and the bag is pushed into position with the aid of the camera.

As the foam expands, the knife pierces the sachet allowing the foam to fill the inner and then outer bags. At full expansion, some of the foam seeps through the bag to create an adhesive seal against the pipe wall.

DRAINBLOCK BAG™ will start to act as a permanent seal against water and odours within around 30 minutes depending on temperature. A full cure will be achieved in approximately 12 hours.



At full expansion, some of the foam seeps through the bag to form a seal with the pipe



About Steve Vick International

We are experts in innovative engineering for trenchless renovation and decommissioning of pipes worldwide.

Since our foundation in 1981, we have been dedicated to delivering cost-saving solutions for damaged, redundant or outdated underground pipe work. We are at the forefront in developing products and techniques across gas, water, nuclear and contract service sectors on a worldwide basis.

We are proud of our reputation for innovative product development, strong technical support and after sales care.

For more information on any of the products and services featured here, please contact: info@stevevick.com

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