

# RATBLOCK™



GAS



WATER



NUCLEAR

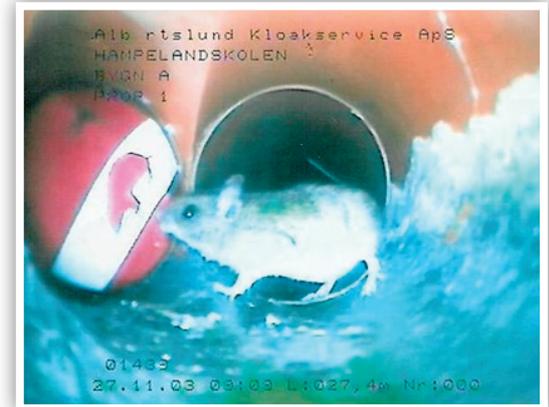


CONTRACT  
SERVICES

## Patented system for permanently sealing off disused drains and sewers

**The RATBLOCK™ system provides an effective, permanent solution to the problem of vermin entering disused drains and sewers by blocking off the entrance/exit to pipes.**

RATBLOCK™ comprises a self-actuating, expanding polyurethane foam sachet contained within a bag which also incorporates two articulated steel plate membranes. As the foam expands, the sachet is pierced and the foam fills the bag and opens out the steel membranes. Once cured, the foam provides a water, odour and gas tight seal within the pipe while the steel membrane prevents the passage of vermin.



### APPLICATIONS

Ideal for use by Council contractors, water & sewerage companies, facilities management and maintenance teams in sealing off:

- Disused rainwater drains
- Abandoned sewer laterals
- Relocated WCs
- Unwanted ducts into buildings

Kits are available to fit pipe diameters 10cm and 15cm (4" and 6"). For other sizes please contact our technical department. The system can be used on most pipe materials including clay, concrete, PE and metal.

### DESCRIPTION

RATBLOCK™ is an adaptation of our DRAINBLOCK BAG™ which has WRc approval. Both techniques use the patented FOAMBAG™ system which the company originally designed in the 1980s for flow stopping in the gas industry.

RATBLOCK™ is now available in the UK for permanently sealing off disused sewer or drain pipes to comply with UK Building Regulations Appendix H.

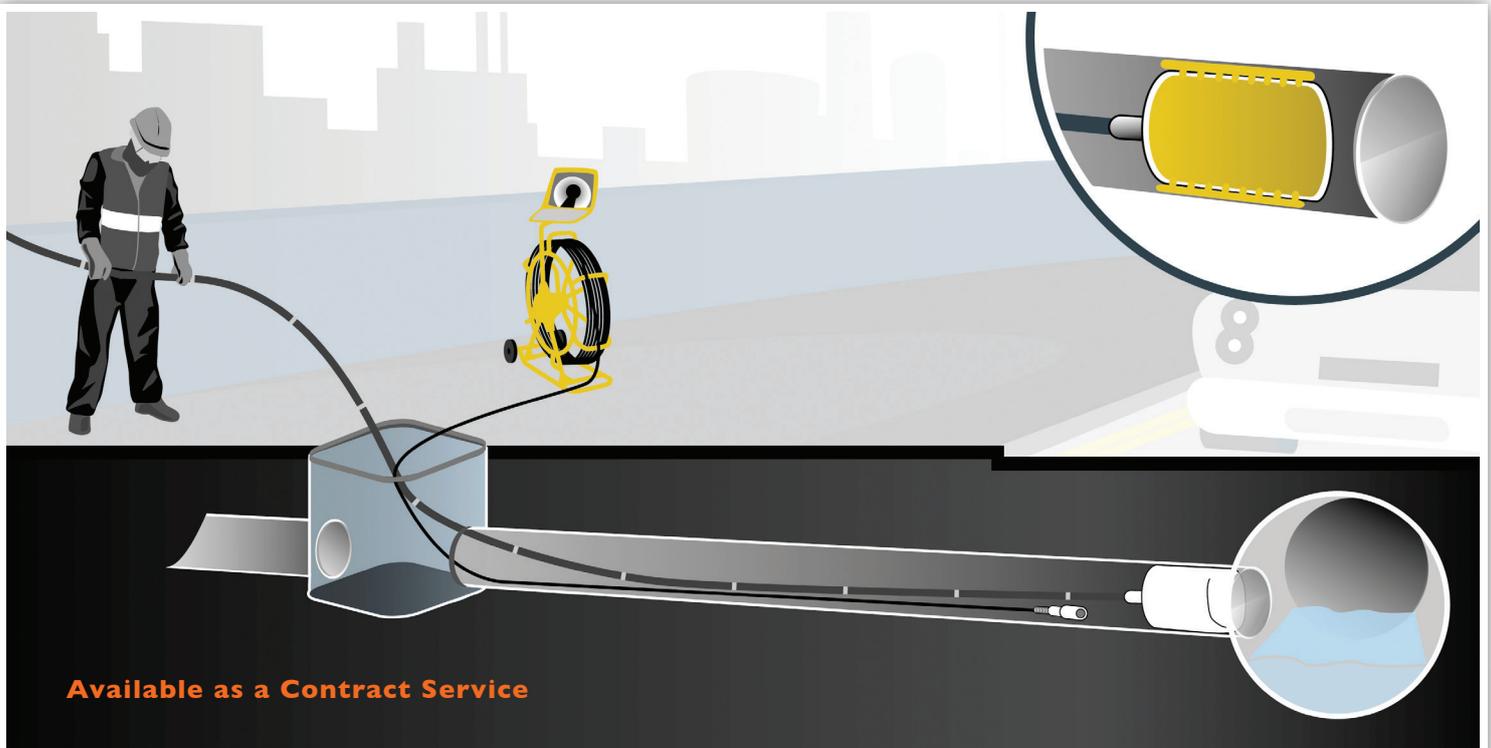
RATBLOCK™ is ideal for dealing with the troublesome problem of rats gaining access to buildings via disused drains and as its application carried out remotely, it avoids the need to gain access to the drain from within the building.

### CONTRACT SERVICE OR KIT FORM

Steve Vick International offers RATBLOCK™ as a Contract Service carried out by our highly skilled technicians. Alternatively, RATBLOCK™ is available in convenient kit form for operators to carry out their own operations. Kits include the fabric bag (sized to fit the pipe being sealed), sufficient two-part expanding resin foam sealant in a ready-to-use sachet together with gloves and full instructions.



**RATBLOCK™ is certified by WRc as vermin, water and odour proof**



**Available as a Contract Service**

*Using a CCTV and drain rods, a RATBLOCK™ bag is positioned where a disused lateral drain meets the parent main. It may be installed from remote locations up to a distance of 20m or longer in certain circumstances*

## METHOD

A RATBLOCK™ bag may be installed from remote locations up to a distance of 20m. Longer distances can be achieved although consultation with our technicians is strongly advised if this is to be attempted.

Line of sight is not required as a standard CCTV camera system can be used to install RATBLOCK™.

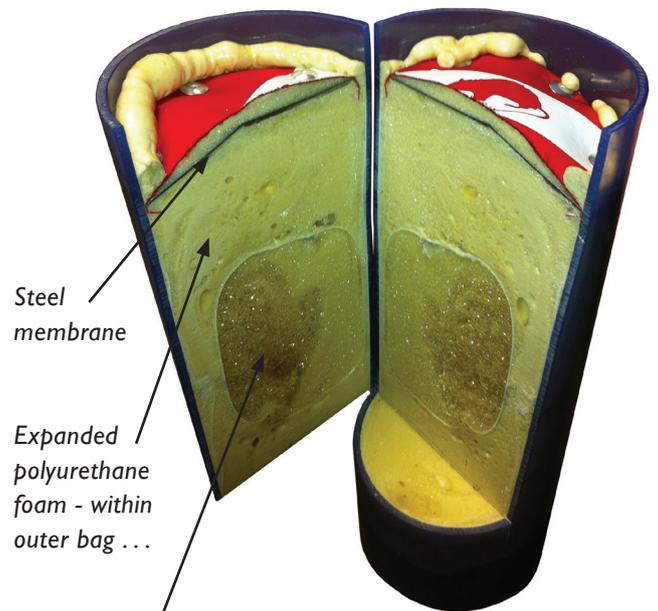
RATBLOCK™ may be attached to standard drainage rods or flexible rod reel systems.

Once properly installed, RATBLOCK™ is vermin proof, odour proof and water proof up to a 5m head (500mb) within 30minutes.

RATBLOCK™ has been tested by WRc and has been certificated as vermin, water and odour proof.



*RATBLOCK™ installed in a 15cm diameter pipe showing how some of the expanding foam seeps through the wall of the fabric bag to adhere to the inner wall of the pipe.*



*... and within inner satchet*

*The same pipe, cut in half to show the steel membranes which provide a vermin-proof barrier.*

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