



Established 1906

WT KNOWLES & SONS LIMITED

Technical Data

Interceptor - Code KRI1 - NAT 130

With fall between inlet and outlet



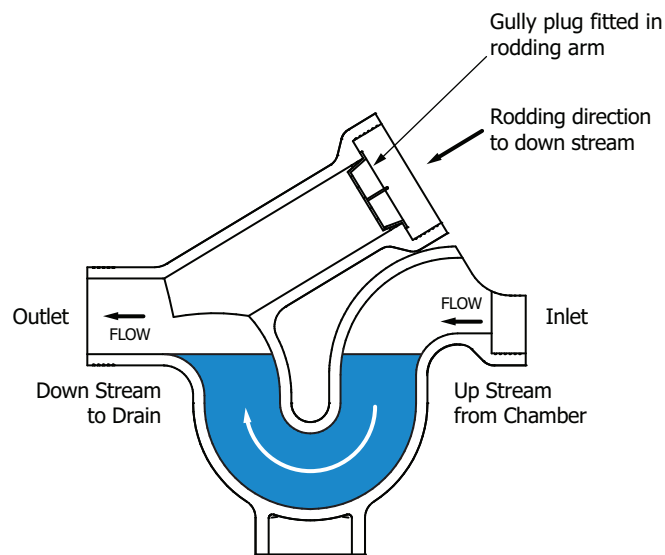
For use on the outlet side of the manhole



Interceptors

An Interceptor is essentially a 'trap'. In a drainage system it provides a rodding point for cleaning. The loop bend in the body is filled with water up to its outlet or discharge level and as such provides the protection of a water trap, isolating it from the sewer so as to prevent sewer gases and odours penetrating back up the system. It also limits the progress of rats.

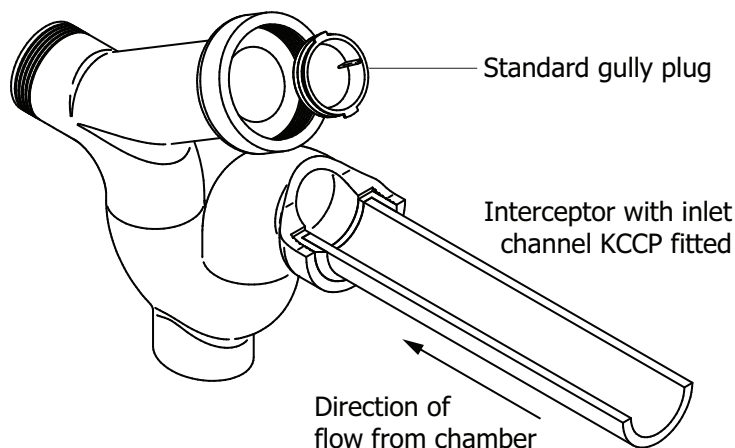
Normal flow through an Interceptor will pass well below the rodding point. Any blockage can be cleared by access through the rodding arm, which may be either upstream or downstream depending on the type of Interceptor. Alternatively, water jetting hoses may be introduced into the rodding arm to clear blockages.



KRI1 (Also known as the Winsor Interceptor.)

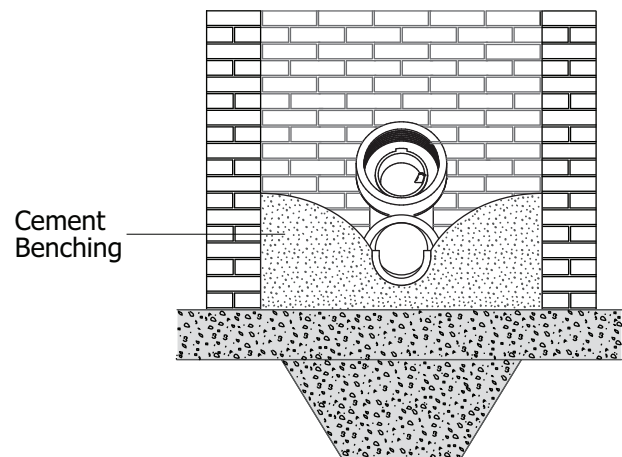
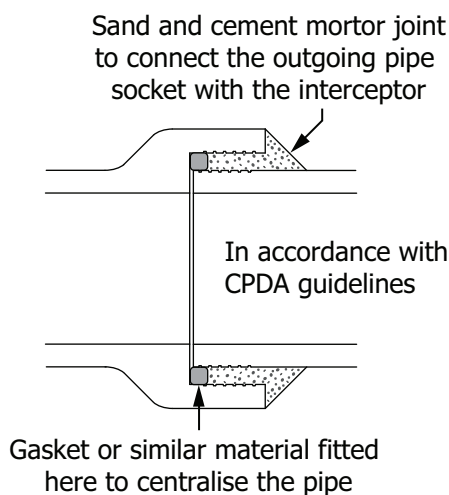
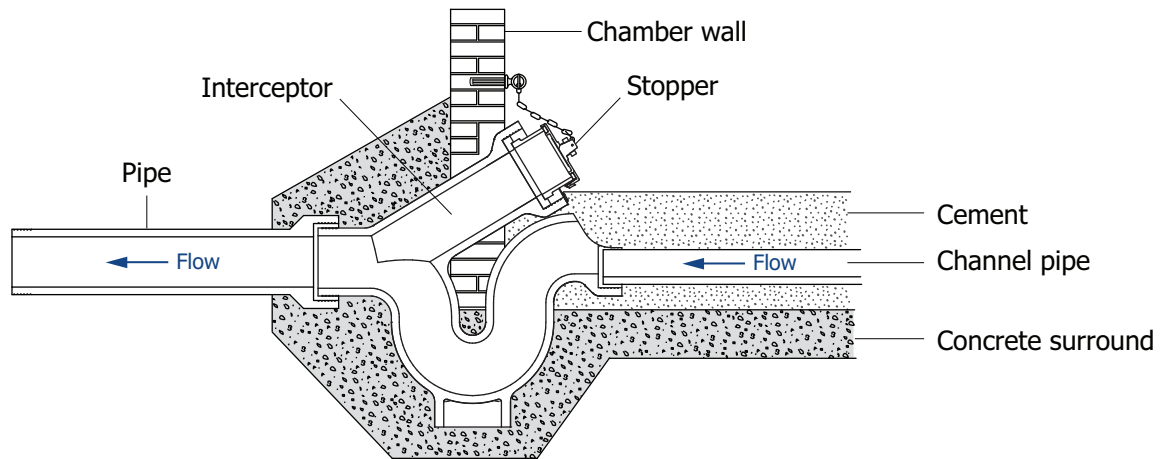
The KRI1 Interceptor is installed on the outlet of a chamber with the rodding arm socket adjacent to the channel pipe located in the bottom of the manhole. This provides rodding or water jet access to the outgoing or downstream pipework.

This Interceptor has a fall between inlet and outlet. This means that the water level held in the Interceptor is below the inlet channel and water is not backed up the channel.





Typical Installation



Gully plug or stopper

Each Interceptor is supplied with a plastic gully plug fitted in the rodding arm which should always be in place. If a blockage is found which raises the flow level in the manhole or inspection chamber, the plug may be removed and the blockage cleared by the insertion of a suitable rodding tool or water jet hose.

The plug should be handled carefully because there is a danger that the gully plug may be dropped into the bottom of the chamber making recovery difficult or it may fall into the flow channel and pass into the downstream pipe and block the drain.

An optional Lever Locking Stopper is available instead of the gully plug. The main housing of the stopper is permanently secured in the socket of the rodding arm with cement. The removable cap has a seal and is retained on the housing by a rotating lever. The cap has a security chain attached and a piton attached to the other end of the chain. A hole is drilled in the wall of the chamber and the piton cemented in place at a high enough location to prevent the cap falling into the channel if dropped. The chain assists with recovery of the cap if dropped.

KRI1 interceptors are available in sizes 100mm, 150mm and 225mm, all of which have a 100mm diameter rodding access.

Dimensions can be downloaded from www.knowledrainage.co.uk



Spares



Gully plug - KRSG1



100mm lever locking stopper - KIL1

Technical Help

For technical assistance and price and availability of spare parts contact:-

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