

Global leaders in flexible couplings,
drainage & plumbing systems



Lateral Connections

UA Saddle



Flexseal is the market leader in the development of lateral connections, used for securely connecting a lateral pipe into a larger diameter main pipe. We can now provide a lateral connection for virtually any application.

Features & Benefits

- No adhesives, sealant or concrete are required.
- Eliminates need to pre-order a factory made junction.
- Reduces costs, whilst increasing installation options.
- Minimises time exposed to live sewers.
- Installation unaffected by weather conditions.
- Lightweight, easy to handle for quick installation.
- Robust and should not be damaged under normal site conditions.
- WRC approved product.



Full installation instructions overleaf



Fitting Instructions

10 easy steps



- Determine the required position for the saddle and mark the centre for the hole.
- Drill a guide hole with a 12mm twist drill ensuring that the drill is normal to the pipe surface and that the drill is long enough to go through both internal and external surfaces of the pipe. (Photo No. 1)
- Cut a hole 177mm diameter in the wall of the pipe into which the saddle is to be installed. It is recommended that this is carried out using the supplied hole saw as this has an arbour capable of holding a 12mm solid guide bar and is long enough to ensure it can cut through the pipe wall in one action. Ensure that the hole is perpendicular to the pipe. (Photo No. 2 & 3)
- Remove any swarf or flashing from the edges of the hole using the deburring tool supplied with the installation kit. This should include the internal edges as any swarf or flashing present may inhibit the installation of the saddle. Wipe clean the inside surface. (Photo No. 4)
- Apply a pipe seal lubricant to the outer face of the inner sleeve and around the outside of the rubber seal. This makes the saddle easier to insert into the hole and helps the inner sleeve draw back into the seal during the installation process. (Photo No. 5)
- Ensure the rubber seal is pushed against the inner spacers and insert the saddle into the hole so that the curvature of the top flange follows the curvature of the main pipe. The rubber should project through the hole as illustrated in the photograph. (Photo No. 6)
- Using the 'T' handled hexagon tool provided, turn screws in a clockwise direction alternately by approximately 10 rotations at a time. (Photo No. 7) This will force the inner sleeve outwards and draw the flared section of the inner sleeve into the seal. (Photo No. 8) Continue turning the screws until the underside of the head touches the face of the bolt ring. (Photo No. 9)
- The installation of the saddle is now completed.
- The lateral pipe can now be connected with a Flexseal Coupling. (Photo No. 10)

