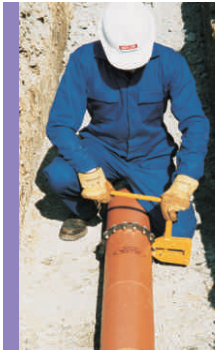


Installation

INSERTION of JUNCTION or REPLACEMENT pipe into existing pipeline



1 Cut section from sewer using pipe cutter or disc saw. The section should be about 20 mm longer than the junction or replacement pipe.



2 Remove cut section and slide BAND-SEAL couplings onto each end of the existing pipe line. No lubricant required.



3 Position new junction/ new pipe into the pipeline. Place a pencil mark half the BAND-SEAL width from each joint.



4 Using the pencil marks, centre a BAND - SEAL over one joint at a time and tighten clamp bands. The clamp bands should be tightened first and then the shear band.



5 After BAND-SEAL assembly carefully tamp bedding under the ex-posed pipe line.

CONNECTION between PIPES USING BUSHES

As an example, the illustrations detail the connection between DN300 vitrified clay and DN300 ribbed plastic pipes. A bush is used to take up the differences in outside pipe diameter.



1 Install bushes onto the square cut end of the plastic pipe.



2 Place BAND-SEAL on the clay pipe and butt pipes together. Slide BAND-SEAL over bushes until edge of bush is level with edge of BAND-SEAL. No lubricant required.



3 Tighten clamp bands first, then the shear band. After BAND-SEAL assembly, carefully tamp bedding under and around pipes.

NOTE: When jointing certain types of concrete pipes, particularly ones which have been vertically cast, it may be necessary to apply a neat cement grout to small areas on the exterior of the pipe barrel to obtain sufficient smoothness to ensure an airtight seal. It may also be necessary to smooth out the barrel mould joint line on the barrel of some concrete and iron pipes.

USING INSTALLATION TOOLS

For pipelines up to and including 290mm OD, a Naylor 8mm nut driver (reference T0001) can be used to tighten clamping bands and shear bands (where present) firmly by hand (equates to recommended torque of 6-8 Nm).

For pipelines exceeding 290mm, a Naylor 8 mm Ratchet Spanner (reference T0002), can be used to tighten clamping bands and shear bands firmly by hand (equates to recommended torque of 12-14 Nm).