

PRODUCT INFORMATION

ISSUE 3 – JUNE 2022

The Polypipe Underground Gravity Drainage System is a complete range in 110-160mm solid wall PVCu pipe Kitemarked™ to either BS EN 1401-1 or BS EN 13476-2, and WIS 4-35-01* and fittings Kitemarked to BS EN 1401-1 or BS 4660.

The system is suitable for all foul and surface water sewer applications and is compatible with SewerDrain 200-315mm and adaptable to Polysewer 150-300mm and pipe fittings.



Features & Benefits

- Polypipe Underground Gravity Drainage System is supplied complete with an integral seal for faster, problem free installation
- Lightweight and easy to handle for quicker installation
- Smooth external wall and bore pipe is available in both 3m and 6m lengths for reduced risk of blockage and improved flow
- Full range of fittings and adaptors to other sizes and materials
- Solid wall gives improved resistance to damage from cleaning and maintenance
- Fully adoptable under Sewerage Sector Guidance for England - Design and Construction Guidance (DCG), Sewers for Scotland and the Welsh Minister Standards for Sewers/Sewers for Adoption 7th Edition
- Pipe Stiffness: 110mm = SN8, 160mm to BS EN 13476-2 = SN8, 160mm to BS EN 1401 = SN4
- Pipes to both BS EN 1401 BS EN 13476-2 have identical outside diameters and are fully compatible
- Fittings carry the British Standard Kitemark to BS EN 1401-1 or BS 4660 or are BBA certified

Standards Certifications

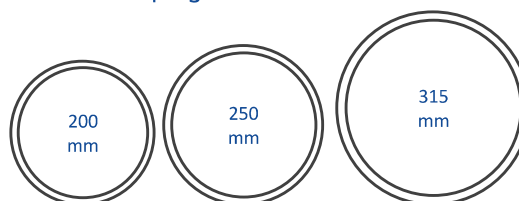
- BS EN 13476-2 (KM 583143)
- WIS 4-35-01 (KM 583143)*
- BS 4660 (KM 59284)
- BS EN 1401-1 (KM 06383)

*160mm only, 110mm does not fall within the scope of WIS 4-35-01 which only covers pipes from 150mm-900mm

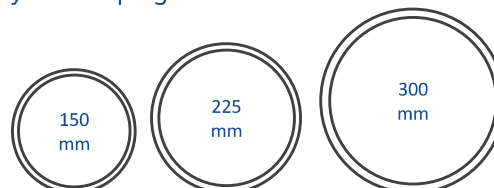
Underground Piping



SewerDrain Piping



Polysewer Piping



Installation Details

- Before making the joint ensure that both the pipe end and the sealing ring are clean, should cutting be necessary where plain end pipe is being used, ensure that the pipe is cut square to the axis and that all burrs are removed. The pipe end should be chamfered to approximately 15° for half the pipe wall thickness and deburred with a sharp edged tool. Fittings with spigot ends are moulded with a chamfer during manufacture.
- Lubricate both the pipe end and the sealing ring in the with Polypipe joint lubricant (SG500, LUBX1 or LUBX2.5). Ensure that the components to be joined are correctly aligned, then push the spigot fully into the socket. The jointing of larger diameters is generally accomplished by applying leverage to the following socket end using a timber block to prevent damage
- To allow for expansion, mark the spigot at the socket face and then withdraw the spigot by a minimum of 10mm. If the spigot is already marked with the depth of entry, push the spigot home until the mark is just visible

