

Product Advantages

Light weight - The light weight of Iplex uPVC stormwater pipes can lead to significant freight and handling advantages.

High flow rate - Extremely smooth bores, precision joints, and lack of internal projections ensure unrivaled hydraulic capacity over the total life of the system. Flatter grades are possible using uPVC systems.

Flammability - uPVC does not support combustion.

Non-conductivity - uPVC is a non-conductor of electricity, and is therefore not subject to galvanic or electrolytic action.

Weather resistance - The Iplex range is manufactured from a specially formulated uPVC compound, developed from many years of trial, resulting in a tough resilient material. We only recommend storage to 1 year where exposed to the weather due to U.V attack.

Tree root infiltration resistance - Penetration of tree roots causing blockages and infiltration is controlled by the welding action of the solvent cement jointing system.

Fittings range - The Iplex uPVC stormwater system contains a complete range of adaptors to enable connection to a wide range downpipes and other pipe systems.

Low installation cost - The light weight of Iplex Stormwater pipes together with longer pipe lengths, flexibility and the use of narrow trench widths significantly reduces installation costs, the major portion of the total in-situ costs.

Corrosion resistant - The inert nature of uPVC pipe provides complete corrosion resistance, and renders wrapping, coating and lining unnecessary. This inert nature ensures that uPVC sewer and drainage pipe have a long operational life.

Leakage elimination - Groundwater infiltration due to broken and cracked elements in the system, joint opening and ground movement are eliminated by the precision joints, flexible pipe barrel and sealed access points provided by the uPVC Stormwater pipe and fittings system. One of the most significant advantages of Iplex uPVC Stormwater pipe system is its light weight. This means that the pipe can be easily handled and longer lengths can be installed without sophisticated lifting machinery and with minimum in-trench labour.

Long pipe lengths increase the speed with which a system can be installed, and also mean that pipelines are less susceptible to misalignment and consequent blockage following possible ground movement, than those made up of short pipe lengths.

Stormwater pipelines rely on gravity to ensure adequate flow of fluid. Strict adherence to the designed grade along the entire pipeline is essential and the line must be maintained to specification between inspection positions.

Installation of uPVC Stormwater pipelines should be fast and efficient provided the following guidelines are followed. The installer should also be familiar with AS2032 "Installation of uPVC Pipe Systems", and "AS/NZS 3500 "National Plumbing Code" together with the requirements of local authorities, where applicable.