Technical Specifications

ECO-PIPE

100% RECYCLED PLASTIC

Primary Application

The **Eco-Pipe** has been CSIRO tested and rated for stormwater and sewerage. It has proven ideal for all low pressure water transfer, storm water drainage and flood irrigation applications. It is the market leader in 100% recycled plastic large bore pipes and for installation under logging roads and difficult to access installations.

Eco-Pipe is tough and has high impact strength while retaining light weight attributes and a smooth finish. This stiffness was demonstrated as SN 6 for the 250 mm pipe and SN 4 for other sizes in accordance with the PVC Stiffness Test, AS/NZS 1462.22:1997. It is certified for civil applications under Buried Flexible Pipelines, AS/NZS 2566.1:1998.

Contact Cosset for more information on how the Eco-Pipe can make your project easier and more environmentally friendly.

Features

- The Eco-Pipe is relatively light, easy to cut and handle, does not require special lifting cranes or slings and can be easily moved into position. Its jade green colour is aesthetically and environmentally appealing. It has a higher resistance to barnacle build-up than timber or concrete. It is proven to be highly resistant to internal abrasion, is impervious to salt water and UV resistant.
- The 6m lengths of pipe have a bellmouth socket for easy joining. An o-ring goes on the spigot end and the larger end is placed over this. Short lengths or pipes without bellmouths can be joined using joining sleeves. The smaller pipe sizes can be flanged if required.
- Aluminium 960 mm high Slidegates to regulate flow can be bolted and sealed directly to the Eco-Pipes or to Headwalls for 250 mm to 450 mm piping.
- Winged Headwalls are rigid and tough with a 75 mm deep front lip to minimize washout. They have in-built star picket lugs for stabilisation and a standard 250 mm pipe hole with indents for other sizes. Headwalls are easily chain sawed or jigsawed and can be fitted to other pipes.
- Aluminium Flaps and Chains are available for all Eco-Pipe sizes for tidal situations where drainage from blocks is required and the ability to stop rising return water is essential. They have a simple water-tight seal one-way valve action in upstream applications. They can be used as a channel check point and crossover with the one installation.
- Culvert and crossover applications are simple especially with the Headwall. They come with a bellmouth for easy installation and can be easily cut with a chain saw, angle grinder or handsaw. They are inert to acid or saline soils so will not rust or rot underground and will carry the heaviest legally loaded traffic.

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Installation

Correct private property installation procedures must be followed so as to not void the warranty, such as in site preparation. Trenches should be excavated as narrow as practical to allow efficient installation, and all rocks, tree roots and other hard objects should be removed. Being flexible it relies upon the surrounding embedment material to absorb and transfer vertical loads to the surrounding support zone. A minimum cover requirement must be considered and adhered to.

Options

- Eco-Pipe is available in 6 inside diameter sizes
- Fittings available; elbows and angles, T-pieces, T-piece and reducer, and combination lobster which includes T-pieces with angles

Models

Model Code (EP)
Dimensions
Refer to D Chart below
Length (BL)
Standard length is 6m

Example :

Cosset-EP-A-6000
Eco-Pipe in 250mm diameter, length of 6m

D Chart

Model Code	D-Code	Internal Diameter (mm)	Max. Section Length (mm)	Weight (kg/m)
EP	A	250	6000	7.5
EP	B	300	6000	9.2
EP	C	375	6000	12.5
EP	D	450	6000	18.3
EP	E	525	6000	27.5
EP	F	600	6000	36.7

How To Specify :

COSSET - EP - A - BL

Manufacturer | Model Code | D-Code | Section Length