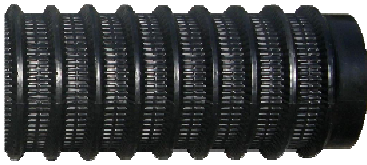


# Polyflo Culverts

## Installation Guide



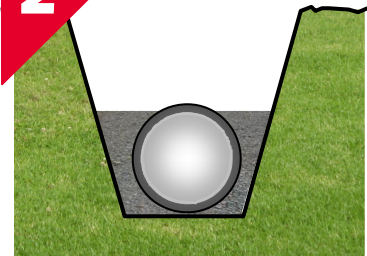
1



### Material:

Promax Polyflo Culverts are manufactured from High quality UV treated polyethylene which will not rot, rust or corrode. The ribbed construction provides high structural strength, rigidity and installed stability which makes Polyflo popular in all drainage applications.

2



### Installation:

The base of the trench needs to be even and deep enough to withstand future load bearings according to the diagram below and all soft areas dug out and compacted. Metal backfill must be evenly and well compacted around the culvert to ensure there is no room for flexing of the culvert side walls.

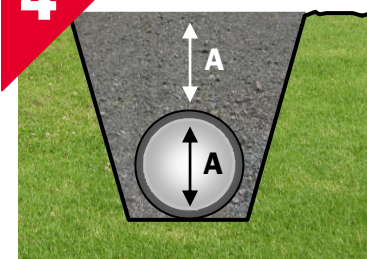
3



### Jointing:

All Polyflo Culverts are manufactured with each end a different size to allow a simple spigot insertion system for joining. Promax recommends that all small culverts up to 600mm are tech screwed together and the larger sizes must always be bolted using 6mm x 20mm bolts and washers before installation.

4



### Cover:

Cover depth is important where regular and heavy loads are anticipated. The guidelines set out on the left should be followed for stock and normal traffic use. For heavy vehicle traffic contact Promax Plastics for recommendations.

Reinforced concrete cover will reduce the necessary backfill depth.

## Polyflo Culverts and Fluming

New Zealand's popular and successful drainage and water management products are manufactured daily from both North and South Island factories and distributed throughout the country for forestry, farming, lifestyle and building industries.



**Polyflo Fluming**  
is available in  
matching culvert sizes

## Polyflo Culvert Sizing

