

POLY-FLEX FLEXIBLE BASES

Product code: PF1, PF2S, PF2SS, PF2L, PF3.

DIMENSIONS AND SPECIFICATIONS

Socket Mount - PF1 & PF3

Overall Width (facing traffic)	70mm diameter
Height - above ground to bottom of post	120mm
Pipe diameter	48mm ID x 60mm OD (PF1)

Surface Mount - PF2S & PF2SS

Overall Width (facing traffic)	70mm diameter
Width of base flange	186mm (PF2S) 120m (PF2SS)
Height - above ground to bottom of post	155mm
Pipe diameter	48mm ID x 60mm OD

Surface Mount - PF2L

Overall Width (facing traffic)	70mm diameter
Width of base flange	186mm
Height - above ground to bottom of post	190mm
Pipe diameter	48mm ID x 60mm OD

DEFINITION

The Poly-Flex Bases have been independently mechanically impact tested to 7.5 million impacts without failure.

The Poly-Flex Bases are manufactured from specially formulated polyurethane Compound and has been weather tested for 10 years.

The Poly-Flex Post is manufactured from Delnorth formulation RXP HOC Polyethylene 80 UV Stabilised to ED5Y.

POST ATTACHMENT

It is highly recommended that only the Poly Post be installed on the Poly - Flex bases as mixing different products with different design criteria and production tolerances may lead to components not performing as intended. The bases are to

be attached by the use of only two vandal resistant bolts set perpendicular to each other at 25mm centres.

DURABILITY

The Poly-Flex Bases are capable of retaining a minimum 75% of its appearance and physical properties for at least ten years when exposed to extreme weather conditions throughout Australia. Testing has proven that there is no change in physical properties when subjected to temperatures as low as 30° Celsius to as high as +60° Celsius.

BASE ANCHORAGE

To maximise performance, Poly - Flex Bases should be installed with the vertical rib facing the oncoming traffic. The PF1 base is designed to fit easily into any existing ground socket system that has been designed for a 50NB Pipe. The PF2 base can be

bolted onto any concrete surface with the use of all common types of masonry anchors available. Recommended minimum diameter of masonry anchor is

16mm dia. x 100mm long. Recommended minimum diameter of pre-cast anchor is 12mm dia. with 30mm washer. The PF3 base is designed to fit easily into any existing rectangular ground socket system.

BENDING PROPERTIES

The load required to bend each base with a post length of 900mm long to an angle of 90° is measured at 90N.

FINISH & COLOUR

All faces of Poly-Flex Bases are .smooth, free of any sharp edges and come in a standard colour of safety yellow but are also available in Black. (MOQs apply)