

Roadside Products PTY LTD

MANUFACTURERS OF  **Dura-Post**

Dura-Flex **PVC**

GUIDE POST SYSTEM



Dura-Post
uPVC
GUIDE POST SYSTEM
MANUFACTURED
(September 2010)
BATCH NO. 99/14
ISO 9001:2008

1300 794 397
← DEPTH MARK →



TECHNICAL SPECIFICATIONS

FOR Dura-FlexPVC GUIDE POST

DIMENSIONS

WIDTH	100mm (+ or – 2mm)
LENGTH	1400mm (1500mm by request)
DEPTH	4mm
EXPOSED LENGTH ABOVE GROUND (RECOMMENDED)	1000mm
SHAPE	 Curved shape with retention barb

DESCRIPTION

Classified as a flexible road edge guide post the Dura-FlexPVC Flexible Guide Post System is manufactured from high impact U.V. stabilized premium quality PVC. It is 100% Australian made with U.V. stabilisation and is fully recyclable. The post is installed by creating a divot, inserting post and then backfilling. A manual driver is available or an auger can be used as a faster alternative.

DURABILITY

The guide post will not support combustion however the material is self-extinguishing. The post has capabilities of retaining a minimum of 85% of their colour, appearance and physical properties when exposed to Australian conditions for at least 10 years.

FINISH & COLOUR

The uPVC Guide Post is made in an opaque white and the UV stabilisation prevents discolouration.

PHYSICAL PROPERTIES

During the elongation process the PVC post has the proven ability with stretch and returns to its natural shape when tested in high impact areas. The post has high rigidity reducing deflection in windy conditions.

COLD RESISTANCE

The 4mm uPVC Posts were conditioned overnight not exceeding 2°C (Ice Bath) and proved capable of straightening itself when bent 90 degrees at the midpoint 4 times both directions. The 4mm uPVC also passes the 1kg Steel Ball test showing no sign of fracturing, cracking or splitting after being struck 5 times.

HEAT RESISTANCE

The 4mm uPVC were conditioned at 60 degrees for 2 hours in an oven, and proved capable of straightening itself within 30 seconds when bent 90 degrees at the midpoint 4 times both directions within two minutes of removal from the oven.

VEHICLE IMPACT

The posts remained capable of self-erecting to vertical and remained serviceable after the following tests of 10 bumper bar impacts directed to the front face of the guide post at a speed of 60 km/h and 5 bumper bar impacts at 90 degrees to the front face of the guide post at a speed of 100 km/h.

COMPLIANCE

The Dura-FlexPVC guide post passes the Australian Standard AS1742.2-2009 and individual state compliances listed below;

- Queensland Department of Main Roads MRTS14
- New South Wales Road and Traffic Authority 3412
- VIC ROADS Traffic Eng. Manual Vol 2 Chapter 23 Dec 2001 clauses 23.1 to 23.2.2
- Main Roads Western Australia specification 602 /2007 Clauses 601.01 to 602.149(b) as applicable.
- Tasmania Department of Infrastructure Energy and Resources R62.7
- South Australia Department of Infrastructure Energy and Resources Instruction 2.17 clauses 3.1 to 3.3 and clauses 5 to 5.1.
- Northern Territory Road projects Division Traffic Control Devices Section 4

NATA approved test report available upon request.

WARRANTY

Roadside Products offers a 10 year manufacturer's limited warranty for the Dura-FlexPVC Guide Post System.

This information and our technical advice – whether verbal, in writing or by way of trials – are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided – especially that contained in our safety data and technical information sheets – and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products used by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.



ADDITIONAL FEATURES

DELINEATION – Delineation can be fitted front and rear of post for visibility to suit state and national specifications Class 1A 10,000mm² (50 x 200mm) or 5,000mm² (50 x 100mm)

PACKAGING – Posts are packaged in bundles of twenty and palletised to suit

CODE

PRODUCT DESCRIPTION



MANUAL

Dura-FlexPVC ORDERING INFO

Dura-FlexPVC 4.0mm uPVC Posts are suited for High Impact Areas and are the most popular option.

FPV6000

IMPACT

Dura-FlexPVC 4.0MM FLEXIBLE GUIDE POST 1400MM POINTED & BARBED

FPV6050

IMPACT

Dura-FlexPVC 4.0MM FLEXIBLE GUIDE POST 1400MM POINTED & BARBED
CLASS 1A 5,000MM² RED/WHITE 50MM X 100MM DELINEATION

FPV6100

IMPACT

Dura-FlexPVC 4.0MM FLEXIBLE GUIDE POST 1400MM POINTED & BARBED
CLASS 1A 10,000MM² RED/WHITE 50MM X 200MM DELINEATION

FPV6150

IMPACT

Dura-FlexPVC 4.0MM FLEXIBLE GUIDE POST 1500MM POINTED & BARBED
CLASS 1A 10,000MM² RED/WHITE 50MM X 200MM DELINEATION

FPD1911

MANUAL

Dura-FlexPVC POST PILOT HOLE MANUAL DRIVING SPADE

The Pilot Hole Manual Driver is designed for the Manual Installation of Dura-FlexPVC Guide Posts.

FPD1913

MECHANICAL



Dura-FlexPVC POST PILOT HOLE DRIVING SPADE JACKHAMMER ATTACHMENT

The Dura-Post Pilot Hole Jackhammer Attachment is designed to be driven by a jackhammer to make a pilot hole for installation of Dura-FlexPVC Guide Posts, Specialty jackhammer attachments can be made to order.