

PEXCO

Delineators

Surface-Mounted Channelisers



YELLOW

ORANGE

WHITE



Key Features

- Range includes PE, UR, and EFX posts to suit low-risk through high-impact applications
- Superior impact resistance for lower maintenance
- MASH-16 self-certifiable
- High reflectivity for enhanced visibility
- Colour options: Orange for temporary works and Yellow & White for permanent
- Meets NZTA delineation requirements
- Quick replacement – damaged posts can be swapped in seconds
- Withstands extreme hot and cold temperatures
- Easy installation on asphalt or concrete using butyl pads or four fixings
- Durable, reusable bases – no metal pins to rust or seize

Some colours are non stock - Contact RTL

FG-300s are trusted across local roads and state highways in New Zealand. Available in PE, UR, and EFX models with bright, high-visibility colours, their clover-profile design delivers superior rebound performance. FG-300s are an all-purpose delineator, providing clear lane delineation and driver guidance for temporary traffic management, work zones, cycleways, and intersection safety upgrades.

The FG 300 Range has three models to choose from:



FG-300 PE

Model PE for general applications

- Polyethylene construction
- Low-impact, low-risk delineation areas

[Check out our Range](#)



FG-300 UR

Model UR the industry workhorse

- Urethane construction
- Flexible post for higher-use environments

[Check out our Range](#)

FG-300 EFX

Model EFX for your **toughest** installations

- Enhanced UV protection
- For demanding high-impact applications

[Check out our Range](#)



FG 300 Posts provide far better rebound than simple round tubes. The curving of the sides of the FG 300 channeliser post changes the moment of inertia and builds tremendous potential energy, resulting in a quick and sharp rebound after impact.

FG-300 Base Options



Standard Bases
200mm Dia Round Base



Metro Slim Base
To suit 150mm wide Kerb / Nib
& Concrete Separators



FG-300 Separator Curbs
Curb Shown with Delineator Post

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Choosing the Right Delineation

The FG-300 range offers three post options to suit different site conditions and traffic environments. Whether it's PE for low-risk areas or UR and EFX for busier locations where contact is more likely, selecting the right post helps ensure it stands up to the demands of the site, reducing damage and unnecessary replacement.

	GOOD	BETTER	BEST
	Model PE Low-Risk Applications	Model UR Most Popular - industry Workhorse	Model EFX For your toughest installations
Shape/Design	75mm Cloverleaf	75mm Cloverleaf	75mm Cloverleaf
Post composition	Low Density PE	High grade Polyurethane	High Grade Polyurethane + Stiffening Additive
Indicative Pricing	\$	\$\$	\$\$\$
Primary Applications	Parking and carpark delineation Airports and transport facilities Traffic islands and splitter islands Short-term traffic management and temporary layouts	Temporary traffic management detours (including 2-way, 2-lane layouts) Cycleways and bike lanes Lane separation on urban and regional roads Use with curb systems Approaches to rail crossings	Enhanced UV protection for long-term delineation installations Motorways and high-volume roads Lane separation in constrained corridors Use with curb systems Support for vertical signage
Standard Colors*	FL Orange, Yellow,	FL Orange, Yellow	FL Orange, Yellow
Performance Characteristics	10 Impacts @ 90 kmh	50 impacts @ 95 kmh (50 @ 60 mph)	50 impacts @ 95 kmh (50 @ 60 mph)
Test Surfaces	Concrete / Asphalt	Concrete / Asphalt	Concrete / Asphalt
Certified Testing	NTPEP **, TTI ***	NTPEP, TTI	NTPEP & TTI
MUTCD Compliant	Yes	Yes	Yes
MASH-16 Compliant	Yes	Yes	Yes
Compatible Bases	All FG 300 Bases	All FG 300 Bases & Curbs	All FG 300 Bases & Curbs
Installation	4x Fixings or Butyl Pads	4x Fixings or Butyl Pads	4x Fixings or Butyl Pads

* **Colours** Some colours are special order only - Contact RTL for more information
 ** **NTPEP** National Transportation Product Evaluation Program (NTPEP) is a service of AASHTO
 *** **TTI** Texas A&M Transportation Institute (TTI)

Enhance with FG-300 Curb System

The FG-300 Curb System provides a clear, cost-effective lane separation solution for cycleways, motorways, state highways, and urban roads. Its modular curb sections link together to form a continuous picket-fence visual barrier, functioning as a passive traffic control device that can be traversed by emergency vehicles when required.

When paired with FG 300 UR or EFX delineator posts, the system improves lane definition and driver awareness for applications such as roadworks, urban separation, and cycleway protection.

Applications for the FG-300 Curb Systems include:

- Approaches to Highway / Rail crossings
- Acceleration lanes
- Left-turn restrictions
- Cycleways & Cycleways
- Long-term Infrastructure Projects
- Lane separation in 2-way 2-lane detours
- Traffic calming, roundabouts and traffic circles
- Toll booths
- Intersection Treatments

MASH-16 approved TL3
(FHWA Letter WZ-361)

MUTCD – compliant

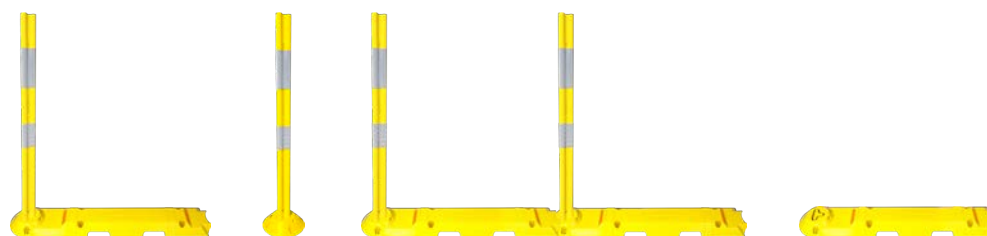
NCHRP 350 accepted
(FHWA Letter WZ-193)

- Low maintenance; super-tough FG-300 polyurethane posts
- Curb sections install in just minutes with one person
- Installs with 4 bolts, or adhesive for temporary projects
- Design allows for curved or circular installations for roundabouts



Orange is as non stock item

Modular design allows multiple configurations to suit site requirements.



Delineator + Curb Only

Delineator Only

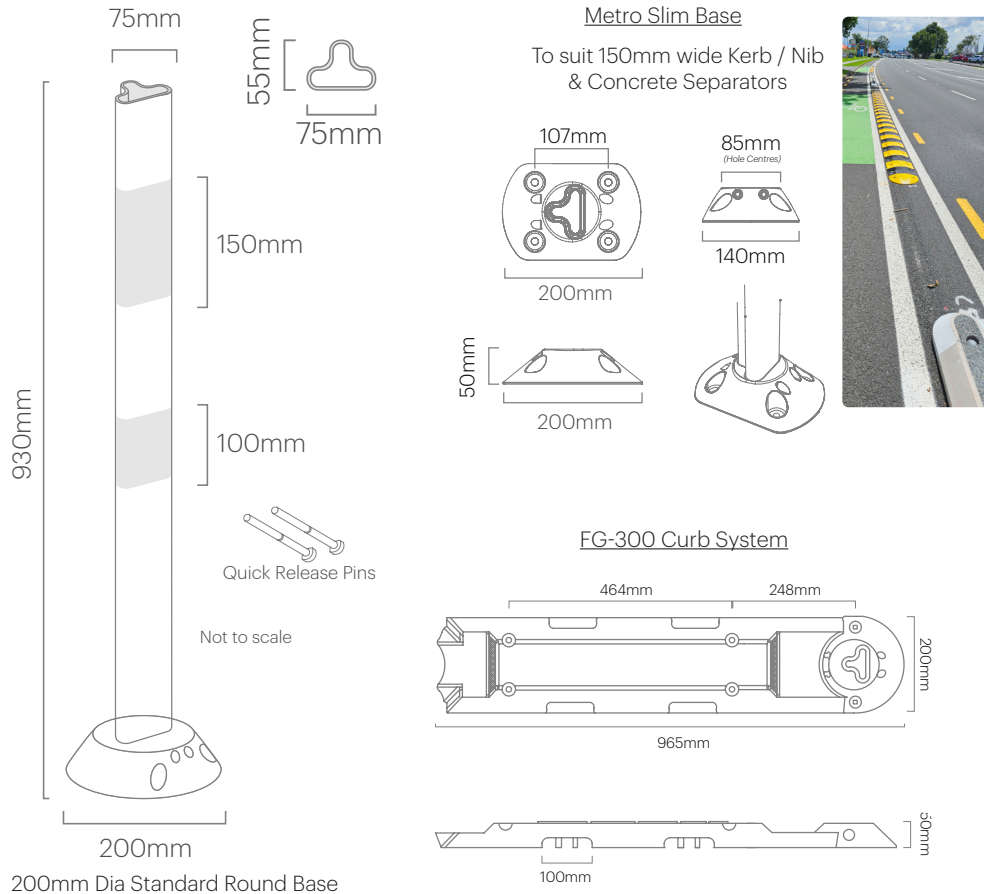
Multiple Delineators and Curbs for continuous delineation

Curb Only



Technical Drawings

The diagrams below show the standard configurations and installation details for FG-300 delineators and curb systems. The FG-300 range is highly versatile and can be adapted to suit a wide variety of traffic management scenarios. Contact us to discuss custom layouts not shown here.



Reflective Bands:

- T: 150mm High Visible
- B: 100mm Flexible Prismatic

Specifications:

- L: 965mm
- W: 200mm
- H: 50mm

Installation Instructions

The FG-300 delineators are designed for quick installation on a range of surfaces for both temporary and permanent applications. When installing, ensure the face of the delineator points in the direction of traffic to provide maximum visibility and guidance.



Temporary Installations:

Using Self Adhesive Butyl Pads

Layout the FG 300 Delineator onto the road in the required position, mark and then:



1. Adhesive will adhere well to most clean, dry and well unified surfaces. Ideal application temperature is 10 to 37 degrees °C. All surfaces must be dust, dirt, oil and moisture free.
2. Assemble posts and bases together with the quick release pins provided. Wipe the spot on which the post will be placed.
3. Remove one side the release paper from the butyl pad and apply centered to the underside of the base press firmly on to the base. Remove the second side of the release paper. The base is now ready for installation onto the road.
4. Press the base onto the desired location on the road and apply firm downward pressure for 5 seconds. Flat front side should be facing the oncoming traffic.

Note: If you need to apply extra pressure when installing with Butyl pads you can stand or place your car tyre on top of the base (only) and then assemble the post after the base has been firmly secured to the road. You simply insert the post and secure using the pins provided.

Permanent Installations:

Using Fixings

1. Mark the location for the delineator, ensuring correct lane alignment and spacing.
2. Drill mounting holes for the appropriate surface: Dynabolts or anchor bolts for concrete, coach screws with sleeves for asphalt. Blow out the holes to remove dust and debris.
3. Place the post base over the drilled holes and secure it with the appropriate bolts or screws.
4. Fit the delineator post into the secured base, ensuring it is upright, stable, and correctly aligned with lane markings or other posts.



Get in Touch:

FG-300s set the standard for delineation safety, delivering performance, durability, and value. Talk to the RTL team today to discuss your next project and the right solution for your site.



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