

## Cycle Safety

A bike is a mode of transport and, just like a car, bus or truck, cyclists and motorists have equal rights and an equal responsibility to share the road safely. With more and more people getting on their bikes, whether it's to commute to work, to benefit from the exercise or just to be out with the family, it is vitally important to ensure that cyclists in those shared lanes are protected. RTL has a range of products to do just that job.

### FG 300 Curb System

The FG 300 Curb System is a lane separation system that provides efficient and cost effective channelization of traffic on motorway, roadways and inner city streets.

This one piece curb system is an approved, passive traffic control device consisting of modular raised curb sections mountable by emergency vehicles when required. When you add your choice of FG 300 post then it creates a dramatic picket fence effect and increases the visual barrier.



#### Specifications:

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

#### Features:

- Low maintenance with super-tough polyurethane posts
- Moulded with solid colour throughout
- Curb sections are impact tested at 112kph
- Internal radial rib structure which supports 4.5 tonnes of loading



*Solid Delineation - increase number of sections to suit your site requirements*

### FG 300 Post Models

We have two standard models the UR and the EFX posts that fit into the FG300 Curb System. The FG 300 UR model and EFX are both made from polyurethane, the toughest flexible polymer on the market today.

Polyurethane provides high tensile and elongation properties, with superior resistance to tearing and puncture. The polymer maintains its flexibility to -46°C, and its toughness during exposure to fuels, oils and grease. Polyurethane is simply the material of choice for "can't fail" applications.

The urethane polymer alloys used in the FG 300 UR & EFX models absorb impact far better than polyethylene, allowing these posts to sustain numerous hits at high speed. A longer lasting post is a safer post for your roadways.

#### Main Applications:

- Pedestrian Protection
- Channelization
- Detour Operations
- Traffic Island Ends
- Objects and Hazards
- Parking Lots

#### Specifications:

H: 930mm  
W: 200mm  
H: 50mm

Entire  
System  
NCHRP-350  
Approved



*Cycle Lane Concept*

## Product Information

### FG 300 Delineators

#### Features:

- Low maintenance system with super-tough polyurethane upright posts
- Both curb sections and upright posts are impact tested
- Curb sections are moulded with solid colour throughout, no painting is required
- The internal radial rib structure of curbs supports 4.5 tonnes of loading
- Underside of the curb has been designed to allow water through
- One person can install the curb sections in just minutes
- Design allows for circular or curved installations
- No moving parts to replace, no metal parts
- Curbs are covered by 5-year pro-rated warranty
- Entire system is tested & NCHRP 350 Approved!
- Interlock modular design provides one solid line of delineation

#### Range:

- UR - Standard model
- EFX - 65% stronger than UR model & better UV stabilisation

#### Rated to:

**50** impacts  
at **96** kmph

#### Clover Leaf Design:



#### FG 300 UR

The FG 300 UR model has become the industry standard for toughness, impact resistance and long-lasting performance.

The FG 300 UR model has been developed to meet the rigorous demands of high-speed, 2-way, 2-lane operations.

The UR post greatly improves safety by reducing the time that workers have to spend in the roadway maintaining channelizing devices.



#### FG 300 EFX

The EFX model represents a breakthrough in urethane chemistry.

This post is 65% stronger than our UR model, with increased resistance to tearing and greater stiffness translates to the toughest post you can buy, suitable for the most challenging installations on your roadways.

The post is strong enough to support an array of vertical panels for increases visibility and directional information.

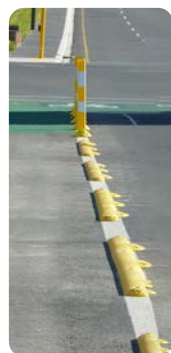


### Riley® Kerb Cycle Delineators

The Riley® Kerb is a rumble device in the vehicle lane to alert drivers they are crossing into a cycle lane, it's made from yellow recycled rubber and has built in reflectors. It offers protection for cyclists and contours to road surface and curves.

A typical installation could be 2m of Riley® Kerb with a 1m gap to allow cyclists to enter and exit the cycle lane.

The Riley® Kerb can also be used in conjunction with our FG 300 surface mount channelizer.



#### Main Applications:

- Squeeze points at intersections and roundabouts
- School zones - entry and exit points for cyclists
- Approaches to pedestrian crossings, particularly around school zones
- Locations where the pavement size increases or decreases
- Can be placed with 100mm gaps to allow for water to flow through
- On cycle paths at intersections to alert cyclists they are approaching a hazard



Riley® Kerb



Riley® Kerb with FG 300 Channelizers

#### Specifications:

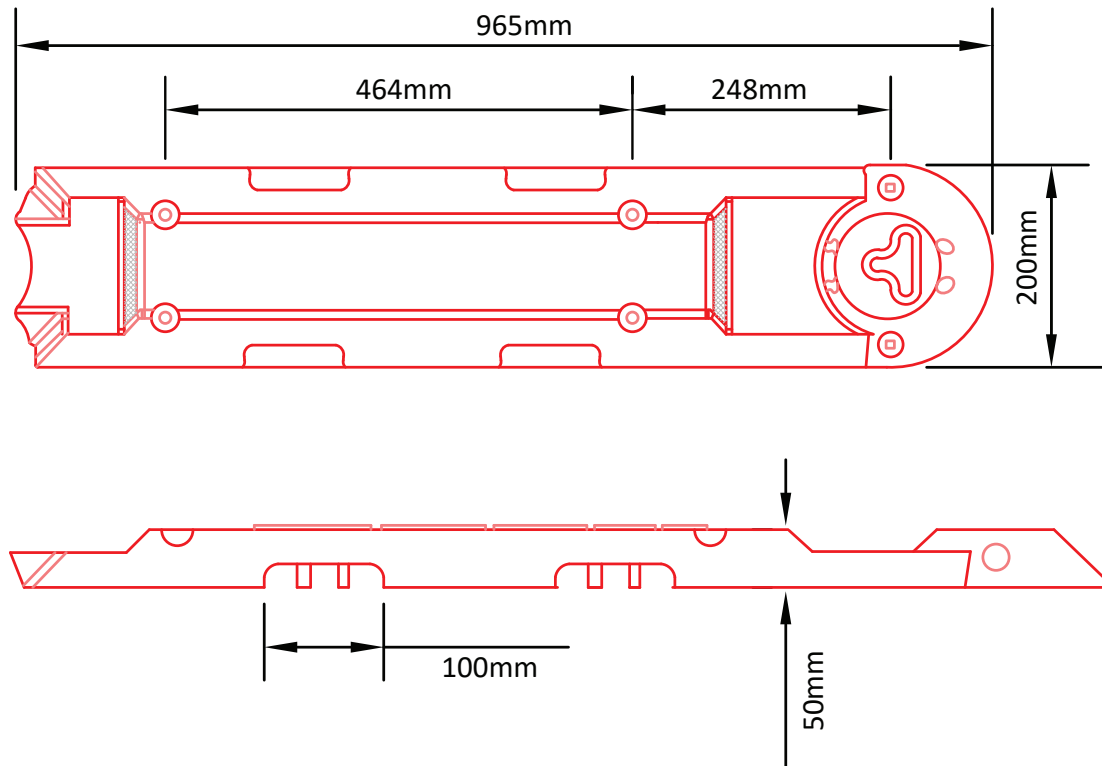
**Length:** 2000mm  
**Width:** 159mm  
**Height:** 25mm  
**Weight:** 2.5kg per section

#### Installation / Fixings:

7x Fixings per Riley® Kerb section  
1x Epoxy tube for every 18x holes

## Product Specifications

### FG300 Curb System



### Riley® Kerb Cycle Delineator

