

## WHEEL STOPS



### AS2890.1:2004 STATES:

Wheel stops may be provided where it is considered necessary to limit the travel of a vehicle into a parking space.

Typical uses of wheel stops include:

- (a) Controlling the kerb overhang where inconvenient or hazardous to pedestrians.
- (b) Inhibiting contact with an end barrier or high kerb.
- (c) Inhibiting encroachment into an opposing parking space. Wheel stops should be avoided in any situation where they may be in the path of pedestrians moving to or from parked vehicles, or crossing a car park for any other purpose.

**Wheel stops shall be between 90 and 100mm in height, and 1650 ± 50mm in width.**



The Menni system – world first design.

## THE MENNI WHEEL STOP – MWS1650Y

The Menni wheel stop is a 3 module design made up of 2 ends and 1 body module from the Menni system. (See Section 9).

The Menni is our premium wheel stop. It has been developed and manufactured in Australia to comply with AS2890.1:2004 from ultra tough Linear Low Density Polyethylene (LLDPE). No recycled rubbish here! Menni has an outstanding list of value features as mentioned below.

### Value features:

- » Absolutely unique world first design.
- » Australian made to AS2890.1:2004 for wheel stops and AS1657:1992 for walkways.
- » Modular design with 6 point fixing for improved hold down.
- » Solid colour, U.V. stabilised high tech polyethylene construction. Light weight with incredible strength.
- » Excellent outdoor weathering characteristics (min. 5 years) won't fade, chip or warp.
- » Strengthened mounting points (6) with large diameter load sharing washers.
- » Supplied with fixings, blanking plugs and built-in edge reflectors for improved visibility for approaching vehicles and pedestrians.
- » Slip resistant texture moulded into the top surface.
- » Optional top reflector plugs for improved pedestrian safety.



Manufactured in Australia.



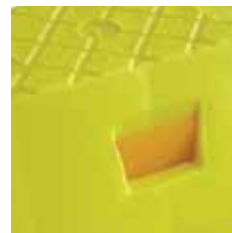
Slip resistant surface.



Unique module connection.



Supplied with all fixings

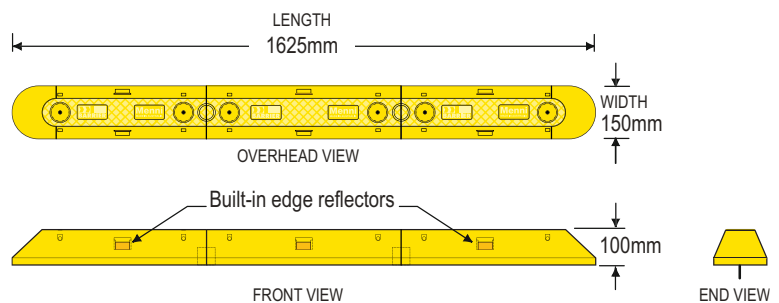


Standard edge reflectors.



Optional top reflectors.

### MWS1650Y MENNI WHEEL STOP



### Specifications:

- Description:** Menni modular wheel stop.
- Material:** Injection moulded Linear Low Density Polyethylene (LLDPE).
- Finish:** Solid colour. (Yellow standard, others on request).
- Dimensions:** 1625mm long x 100mm high x 150mm wide (assembled).
- Weight:** Approx. 5kgs (per wheel stop).
- No. of Fixings:** 2 per module, 6 total with blanking plugs (supplied).
- Connectors:** 1 off per module (supplied).

### Menni – Much more than just a wheel stop

In total there are 4 modules in the Menni system – the body, end, T-intersection and 90 degree corner modules.

These four modules allow the Menni system to be used for an almost endless array of applications. These include wheel stops, kick rails for asset protection, the basis of our FRP pedestrian fence system and traffic delineation to mention just a few. For more information on the Menni system refer to Section 9 of this catalogue.

PART No.	DESCRIPTION
MWS1650Y	Menni 3 piece wheel stop – yellow (fixings supplied)
BMR	Optional top reflector plugs
SPIKES	Optional steel gravel spikes 300 x 12mm each



## RUBBER WHEEL STOP – RWS1650

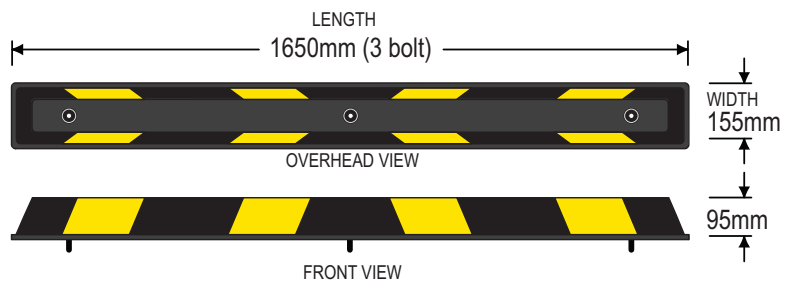
An economical one piece rubber wheel stop with hi-viz yellow panels. Manufactured from recycled materials with dimensions that comply to AS2890.1:2004. Suited to use in factories, warehouses and car parks etc. Comes complete with fixings.

### Value features:

- » Complies with AS2890.1:2004.
- » Economical and simple to install.
- » Solid moulded construction.
- » Recycled materials won't chip or corrode.
- » Comes complete with fixings.

### Specifications:

<b>Description:</b>	Recycled rubber wheel stop.
<b>Material:</b>	Recycled rubber.
<b>Finish:</b>	Solid black rubber with yellow panels.
<b>Length:</b>	1650mm.
<b>Width:</b>	155mm.
<b>Weight:</b>	12kgs.
<b>Fixings:</b>	3 x 150mm masonry anchors. (Gravel spikes optional).



RWS1650 RUBBER WHEEL STOP

## SECTION 5.1.3



## PLASTIC WHEEL STOP – PWS1650

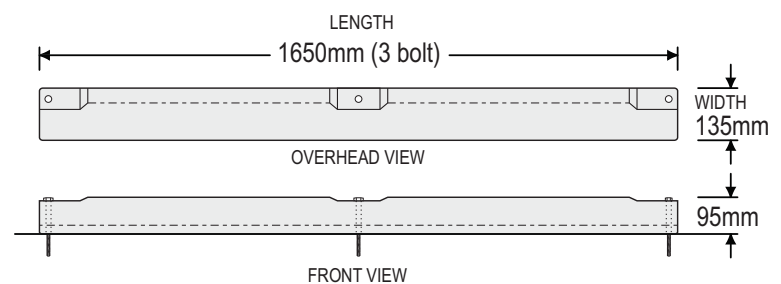
A grey wheelstop manufactured in Australia from recycled materials to comply with AS2890.1:2004. Suited for use in factories, warehouses and car parks etc. Supplied complete with fixings.

### Value features:

- » Complies with AS2890.1:2004.
- » Economical and simple to install.
- » Solid moulded construction.
- » Recycled materials won't chip or corrode.
- » Comes complete with fixings.

### Specifications:

<b>Description:</b>	Recycled plastic wheel stop.
<b>Material:</b>	Recycled plastic.
<b>Finish:</b>	Solid colour.
<b>Length:</b>	1650mm.
<b>Width:</b>	135mm.
<b>Height:</b>	95mm.
<b>Weight:</b>	9kgs.
<b>Fixings:</b>	3 x 150mm masonry anchors, or optional asphalt spikes.



PWS1650 PLASTIC WHEEL STOP



## PLACEMENT OF WHEEL STOPS ACCORDING TO AS2890.1:2004



Front into a low kerb.



Rear into a low kerb.



Front into a high kerb or wall.



Rear into a high kerb or wall.

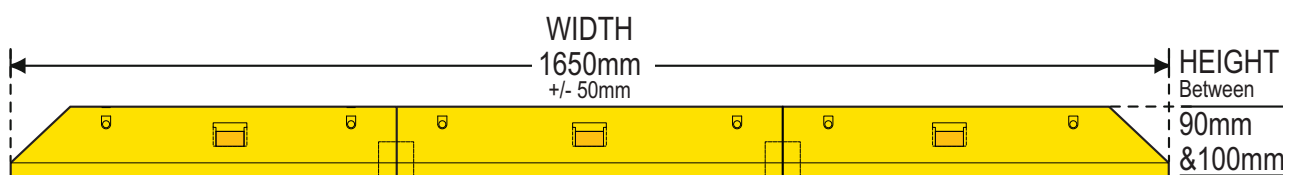
Wheel stops may be provided where it is considered necessary to limit the travel of a vehicle into a parking space.

### Typical uses of wheel stops include:

- Controlling the kerb overhang where inconvenient or hazardous to pedestrians.
- Inhibiting contact with an end barrier or high kerb.
- Inhibiting encroachment into an opposing parking space. Wheel stops should be avoided in any situations where they may be in the path of pedestrians moving to or from parked vehicles, or crossing a car park for any other purpose.

Wheel stops shall be between 90 and 100mm in height, and  $1650 \pm 50$ mm in width.

1. Wheel stop distances shown are for 100mm high wheel stops and measured from the front of the parking space to the point of contact with the vehicle tyre.
2. If wheel stops are provided to restrain vehicle contact with a kerb higher than 150mm or a wall, a further 200mm shall be added to the wheel stop distance.
3. **The maximum height of wheel stops under AS2890.1:2004 is 100mm. Most concrete wheel stops do not comply with the standard as they exceed the maximum height.**



Minimum and maximum wheel stop dimensions to comply with AS2890.1:2004.

# LEGEND



## AUSTRALIAN CONTENT

This product has been designed, developed and is either completely or substantially manufactured in Australia. (The minimum Australian content is between 50 and 100%).

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## NEW AND UNIQUE

This is a new and unique product. It has either been designed, developed and manufactured by the Barrier Group Pty. Ltd. or it is being seen here for the first time.

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## 100% RECYCLABLE

This product is manufactured from virgin grade raw materials and is 100% recyclable using existing, readily available recycling technology and services.

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## RECYCLED MATERIALS

This product has been manufactured from either a combination of recycled materials and virgin grade materials or entirely from recycled materials.

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## HOT DIP GALVANISED

This product has been hot dip galvanised prior to any surface coatings being applied. Hot dip galvanised offers vastly improved corrosion protection and extended life in harsh environments.

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## FIXINGS INCLUDED

This product comes complete with all the necessary fixings to complete the standard installation. When comparing competitors prices against our own, always ensure they have included the fixings with the product (excludes gravel spikes).

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## 5 YEAR WARRANTY

This product carries a 5 year limited warranty against structural failure due to faulty materials or workmanship in our manufactured products, OR structural failure and major fading due to U.V. degradation in our injection moulded products.

(For full conditions visit [www.barriergroup.com.au](http://www.barriergroup.com.au)).

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IT'S AGAINST THE LAW – AVOID THE PAIN!