



INNOVATIVE TRAFFIC SYSTEMS



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TABLE OF CONTENTS

GUIDE POSTS:

Omni-Flex® : Star Drive
: Driveable
: Surface Mount
: Dig-In

Maxi-Flex® : Driveable

Dyna-Flex® : Driveable

Steel-Masta® : Driveable

Installation Equipment

SIGN POSTS:

Retro-Post® : Overview
: Installation Methods (Socket Mount/Surface Mount/Spike Mount)
: 1550mm
: 1220mm

Flexi-Tuff® : Keep Left
: Street Sign Furniture System

OTHER PRODUCTS:

Retro-Tuff® : Pedestrian Barriers

Flexi-Tuff® : Workzone Bollards

MCF Post Cushion® : Impact Reduction System

Speed Humps

Wheel Stops

Wheel Chocks

RPS Traffic offers a complete range of traffic control products for Shire Councils, Road Traffic Authorities, Mining and Construction and Independent Traffic Contractors.

Leaders in technology and innovation, our exclusive '**flexible**' product range is designed around the patented "**Flexi-Tuff®**" flexible hinge, providing an extensive range of revolutionary '**multiple impact**' Guideposts, Signposts, Barriers and Work-zone products.

Our research and *ground-breaking* product development ensures that RPS Traffic are market leaders in initiatives such as the Motor Cycle Friendly (MCF) products including 'Safety Cushions' for sign posts and wire rope safety barriers.

With a comprehensive range of global traffic solutions focusing on capability, durability, long term cost reduction and safety... RPS Traffic has an innovative solution to meet your needs.

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OMNI-FLEX®

STAR DRIVE GUIDEPOST

- ⊙ Formed recess to protect Class 1A delineators
- ⊙ HDPE – high density polyethylene post top ensures
 - UV resistance
 - Colour fastness
 - Fire retardation
 - Mould resistance
- ⊙ Strengthening ribs prevent bending
- ⊙ Patented **Flexi-Tuff®** hinge
 - Completely collapses under vehicle weight and then returns to an upright position time and time again
 - Has excellent UV stability and a long life
- ⊙ Conforms to Australian Standards
- ⊙ The new “direct drive” star picket spike

***Omni-Flex® ... Star Drive -
effortless direct drive design
for when the going gets tough!***

TECHNICAL DATA

CODE	PRODUCT	LENGTH	WIDTH	WEIGHT
8021	OMNI-FLEX® STAR DRIVE	1350MM	108MM	2.2KG

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OMNI-FLEX®

DRIVEABLE GUIDEPOST

TECHNICAL DATA

CODE	PRODUCT	LENGTH	WIDTH	WEIGHT
8020	OMNI-FLEX® DRIVEABLE	1300MM	108MM	2.1KG

- Formed recess to protect Class 1A delineators
- HDPE – high density polyethylene post top ensures
 - UV resistance
 - Colour fastness
 - Fire retardation
 - Mould resistance
- Strengthening ribs prevent bending
- Patented **Flexi-Tuff®** hinge
 - Completely collapses under vehicle weight and then returns to an upright position time and time again
 - Has excellent UV stability and a long life
- Conforms to Australian Standards
- Galvanised spike for ease of installation
- 10 year warranty

Omni-Flex® ... the perfect post for high risk impact locations which stands back up time and time again

OMNI-FLEX® SURFACE MOUNT GUIDEPOST

OMNI-FLEX® DIG-IN GUIDEPOST

- Formed recess to protect Class 1A delineators
- HDPE – high density polyethylene post top ensures
 - UV resistance
 - Colour fastness
 - Fire retardation
 - Mould resistance
- Strengthening ribs prevent bending
- Patented **Flexi-Tuff®** hinge
 - Completely collapses under vehicle weight and then returns to an upright position time and time again
 - Has excellent UV stability and a long life
- Conforms to Australian Standards
- Surface mount and dig-in options



TECHNICAL DATA				
CODE	PRODUCT	LENGTH	WIDTH	WEIGHT
8025	OMNI-FLEX® SURFACE MOUNT	1050MM	108MM	2.0KG
8027	OMNI-FLEX® DIG-IN	1375MM	108MM	1.8KG

MAXI-FLEX®

DRIVEABLE GUIDEPOST

TECHNICAL DATA

CODE	PRODUCT	LENGTH	WIDTH	WEIGHT
8030	MAXI-FLEX® DRIVEABLE	1300MM	108MM	2.2KG

- ◎ 3M Class 1A delineator - 50mm x 200mm
- ◎ Longitudinal raised ribs offering vertical stiffness and protection of delineator
- ◎ UPVC Plastic and titanium dioxide pigment composite ensures
 - UV resistance
 - Fire retardation
- ◎ Patented **Flexi-Tuff®** hinge
 - Completely collapses under vehicle weight and then returns to an upright position time and time again
 - Has excellent UV stability and a long life
- ◎ Conforms to Australian Standards
- ◎ Galvanised spike for ease of installation
- ◎ 10 year warranty

**Maxi-Flex® Driveable -
high risk impact post**

DYNA-FLEX®

DRIVEABLE GUIDEPOST

- Totally flexible guidepost
- Longitudinal raised ribs offering vertical stiffness and protection of delineator
- UPVC Plastic and titanium dioxide pigment composite ensures:
 - UV resistance
 - Colour fastness
 - Fire retardation
 - Mould resistance
- 5mm wall thickness to ensure greater durability
- Conforms to Australian Standards
- Galvanised spike for ease of installation
- 10 year warranty

Dyna-Flex® Driveable - the totally flexible guide post

TECHNICAL DATA

CODE	PRODUCT	LENGTH	WIDTH	WEIGHT
8035	DYNA-FLEX® DRIVEABLE	1300MM	108MM	2.0KG



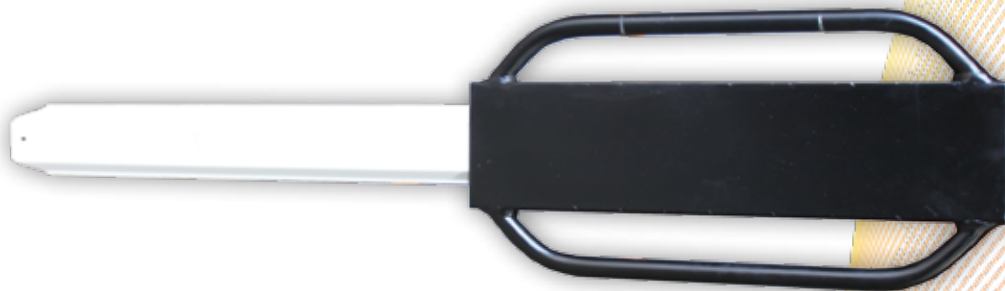
STEEL-MASTA®

TECHNICAL DATA

CODE	PRODUCT	LENGTH	WIDTH	WEIGHT
8010	STEEL-MASTA®	1350MM	100MM	2.4KG

THE HEAVY DUTY GUIDE POST!

- ⦿ Can be straightened a number of times.
- ⦿ Installation is achieved using a manual impact driver.
- ⦿ 50mm x 200mm class 1A delineator
- ⦿ Formed recess to protect delineator
- ⦿ 2mm thick galvanised and fully powder-coated white polyester UV material
- ⦿ Slot at ground level for ease of removal



“Specially formed recesses” within the cross section of our unique post design, protect the delineator from damage when impacted.

INSTALLATION EQUIPMENT

◎ Jackhammer

For Signage Products and Guide posts that require “in-ground installation”. We highly recommend the use of mechanical impact equipment, such as electric jack-hammers with special impact driver attachments.

◎ Driver Tool

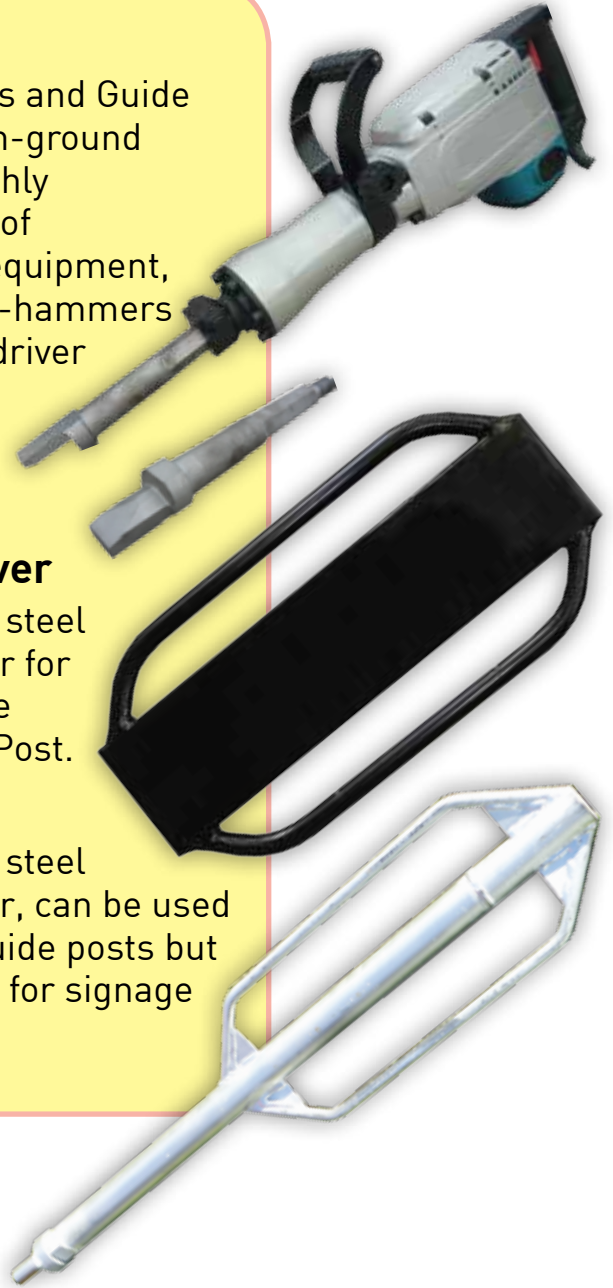
To suit jackhammer.

◎ Steel Masta® Driver

A specially designed steel manual impact driver for the installation of the **Steel Masta®** Guide Post.

◎ Manual Driver

A specially designed steel manual impact driver, can be used to install roadside guide posts but is not recommended for signage products.



Guidepost Installation Method



1. Stand post in position for installation
2. Insert driver tool into the spike sleeve
3. Hammer post into ground until top of spike is level with surface

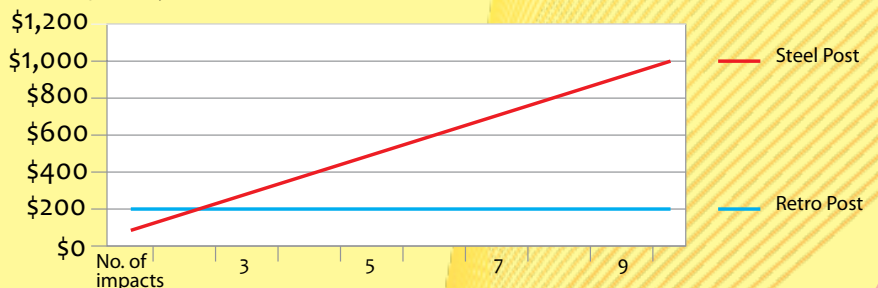
Retro post®

The Flexible Rubber sign post that's virtually 'indestructible'



- Constructed using a 'high grade' rubber compound and RPS' unique patented technology
- Flexible and 'self returning' - fully recovers from multiple vehicle impacts
- Retro fits traditional sign brackets or sign can be directly mounted to post with screws
- Reduces damage to vehicles
- Quick and easy system to install
- Provides 24 hours per day continuous guidance/direction
- Reduces impact and potential injury to cyclists and motorcyclists
- Eliminates potential injuries to roadside installation crews
- Reduces costs associated with the continuous replacement of traditional steel hardware.

Replacement cost of labour & post only



YouTube

To view impact video - <http://www.youtube.com/watch?v=7z7sG3TJ0zs>



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RETRO-POST® INSTALLATION METHODS

Socket Mounted, Surface Mounted
and Spike Mounted

Socket Mounted



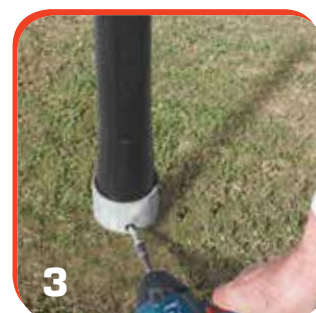
- 1 Insert Retro-Post® into in-ground socket mount
- 2 Ensure post and sign is at correct height and alignment
- 3 Drive the fastener in place

Surface Mounted



- 1 Place surface mount in position for installation and sign alignment
- 2 Mark & drill holes for fasteners
- 3 Tighten fasteners

Spike Mounted

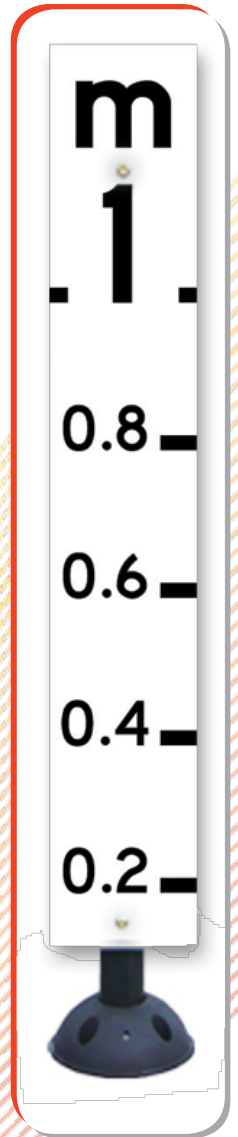
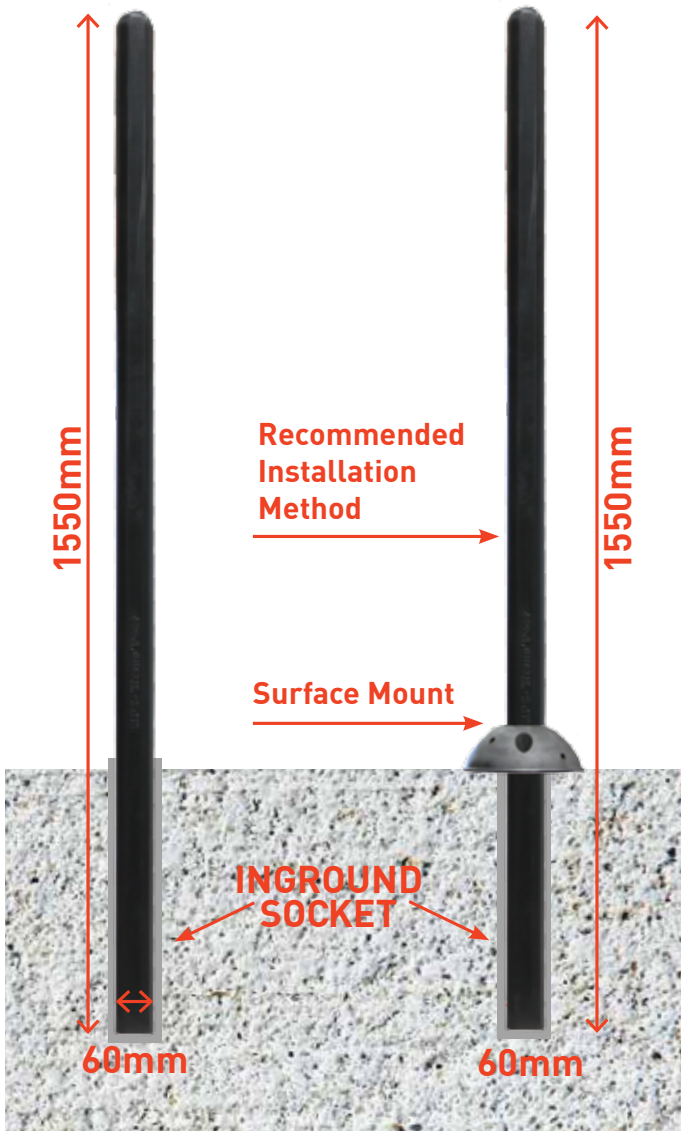


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INDUSTRIES

RETRO-POST® 1550MM

The patented Retro-Post® -
is completely flexible, not just the hinge area!



also available in 70mm Ø base

TECHNICAL DATA				
CODE	PRODUCT	LENGTH	WIDTH	WEIGHT
8051	RETRO-POST® 1550MM x 60MM	1550MM	60MM	6KG
8058	RETRO-POST® 1550MM x 70MM	1550MM	60MM x 70MM	6KG

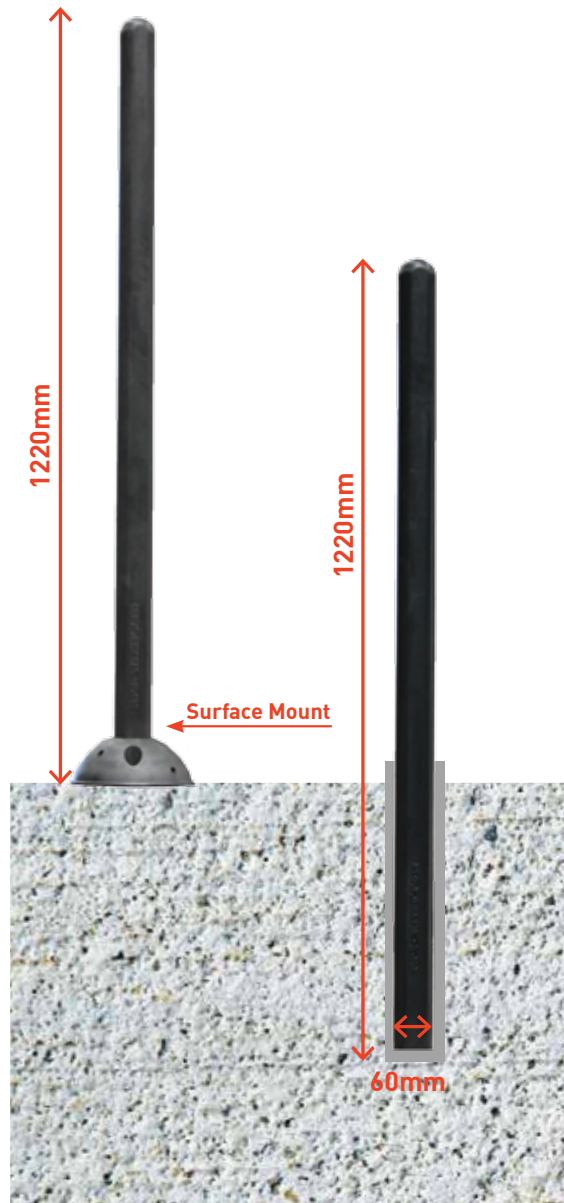
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RETRO-POST® 1220MM

The flexible rubber
Retro-Post® - **replaces**
traditional steel posts



TECHNICAL DATA				
CODE	PRODUCT	LENGTH	WIDTH	WEIGHT
8055	RETRO-POST® 1220MM x 60MM	1220MM	60MM	5.5KG

FLEXI-TUFF®

KEEP LEFT

REGULATORY SIGNAGE PRODUCTS



Polycarbonate sign with Class 1A delineation

Flexi-Tuff® rubber hinge

Heavy duty plastic surface mount

SURFACE MOUNT INSTALLATION



1. Place surface mount in position for installation
2. Mark and drill holes for fasteners
3. Tighten fasteners
4. Product ready to use

PRODUCT TESTING



Flexi-Tuff® hinge has completely collapsed under vehicle weight before returning to an upright position.



TECHNICAL DATA

CODE	PRODUCT	LENGTH	WIDTH	WEIGHT
8050	FLEXI-TUFF® KEEP LEFT	750MM	450MM	4.5KG

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FLEXI-TUFF® STREET SIGN HINGE

THE TOTALLY FLEXIBLE STREET SIGN FURNITURE SYSTEM

Our new, '**fully recoverable**' Street Sign System incorporates a specially designed '**Flexi-Tuff®**' Hinge for this unique application. The system offers a heavy duty galvanised steel hardware package and represents a total solution for fitment to a standard 50NB galvanised steel post.

- ⦿ Heavy duty
- ⦿ Self returning
- ⦿ Easy to install

The Perfect Solution!



200mm 8082
Street Sign Package:
Everything required in a
single pack!



150mm 8081
Street Sign Package:
Everything required in a
single pack!

TECHNICAL DATA		
CODE	PRODUCT	WIDTH
8082	FLEXI-TUFF® HINGE	200MM
8081	FLEXI-TUFF® HINGE	150MM

RETRO-TUFF™

“SELF-RECOVERING” REFUGE BARRIERS



Our new, ‘*fully recoverable*’ Refuge Barriers are made from tube and powder coated to give a ***durable, weather resistant finish.***

Various shaped barriers and colours are available. Delineation pattern needs to be specific.



At the base of each support leg is our patented ‘**Flexi-Tuff®**’ Hinge. This is what gives our product it’s unique ability to ‘fully recover’ to the upright position after impact.

Retro fit is possible using existing steel sockets



Surface Mounted Fixing - For ease of secure fitment



Note: Surface mounts can be used in conjunction with the socket mount installation method if existing steel socket is at ground level.

TECHNICAL DATA	
CODE	PRODUCT
8085	RETRO-TUFF™ REFUGE BARRIER

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FLEXI-TUFF®

FLEXIBLE WORK-ZONE BOLLARDS

- ⊙ UV resistant
- ⊙ Self recovering
- ⊙ Class 1 delineator
- ⊙ Easy installation
- ⊙ Heavy duty surface mount
- ⊙ Patented '*Flexi-Tuff*®' Hinge

BENEFITS:

- ⊙ **Self-recovery** - returns to upright position when impacted time and time again
- ⊙ **Fixed work-zone bollard** - stays in place and deters theft and vandalism
- ⊙ **Easy installation** - achieved using temporary self adhesive Butyl Pads or screw bolts

SURFACE MOUNT INSTALLATION

- 1 Drill holes for fasteners
- 2 Tighten
- 3 Product ready



BUTYL PAD INSTALLATION



Clean area, remove paper from one side of pad and place onto surface



Peel paper from other side of pad ready to place surface mount



Place surface mount onto butyl pad ensuring it is centred

TECHNICAL DATA

CODE	PRODUCT	LENGTH	WIDTH	WEIGHT
8064	FLEXI-TUFF® WORKZONE BOLLARDS	1050MM	100MM	2.2kg



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MCF POST CUSHION®

MOTOR CYCLE FRIENDLY (MCF) POST IMPACT FORCE REDUCTION CUSHIONS



Optional Fitment Methods:



'Closed Wall' - easy 'slide over' for new installations



'Slit Wall' - can be fitted with wire ropes in place for retro-fitting



One Metre Post Cushion

The 'MCF Post Cushion® Impact Reduction System has been NATA Laboratory tested for proof that the impact force is reduced with their fitment to WRSB's. The exceptional qualities of the 'multi-layer' Polymeric Material construction complimented with a Polyurethane outer skin, offer these excellent impact force reduction qualities.

Features:

- ⊙ The MCF Post Cushion® easily fits all common WRSB steel posts
- ⊙ Offers improved impact load reduction for motorcyclists
- ⊙ Attractive smooth, clean outer surface colour to match post
- ⊙ 'Non-shattering' material which avoids debris being scattered across the road
- ⊙ Hardwearing and able to withstand multiple impacts
- ⊙ Abrasion resistant and weather hardy

TECHNICAL DATA

CODE	HEIGHT	WALL THICKNESS	POST DIAMETER
8072	490MM	50MM	50MM x 100MM
8073	490MM	75MM	50MM X 100MM
8070	1000MM	75MM	60MM

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SPEED HUMPS

Benefits:

- Reduces traffic speed providing a safer environment for pedestrians
- Continuous length allows coverage of different width roadways
- Rounded end caps eliminates trip points
- Easy to install



WHEEL STOPS

Benefits:

- Manufactured using high quality grade rubber which is extremely durable
- Can be installed on uneven surfaces and won't crack
- Exceptionally light weight (15kg) and easily installed by a single person
- Hi-Vis reflective surface for greater visibility
- Softer and more forgiving than concrete



WHEEL CHOCKS

Benefits:

- Manufactured using high quality grade rubber which is extremely durable
- For vehicle chocking



TECHNICAL DATA

CODE	PRODUCT	WEIGHT	SIZES
4100	SPEED HUMPS	15kg	1000mm long x 300mm wide x 50mm high
4011	WHEEL STOPS	13.2kg	1650mm long x 150mm wide x 100mm high
4008 4009	WHEEL CHOCKS	1.8kg 6kg	Small - 170mm long x 95mm wide x 100mm high Large - 240mm long x 165mm wide x 180mm high

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