



# Traffic Products

Parking & Access

Installation & Support

Kerbing & Islands

Traffic Calming

Inclusive Mobility

Passive Safety

Parking & Access

Installation & Support

Kerbing & Islands

Traffic Calming

Inclusive Mobility

Passive Safety

*Delivering more for less*



**1991** Prototype Traficop Flat Top Hump installed at TRL, Crowthorne



**1993** Traficop Speed Cushions first installed in York



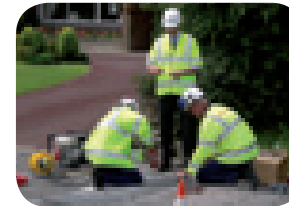
**1994** First Flexible Kerbing installed in Bath



**1999** SitecopPlus launched with design to suit HGV's



**2004** Product installation service introduced



**2005** Passive Safety provided with Jislon range





**Kerbing & Islands**

- 6 RediPave Islands
- 10 RediKerb Kerbing

**Traffic Calming**

- 12 Traficop Speed Cushions
- 16 Traficop Raised Tables

**Inclusive Mobility**

- 18 BusPad Level Access
- 20 RediFix & TakPave Tactile Tiles

**Passive Safety**

- 22 Jislon Pole Cones

**Parking & Access**

- 24 Speed Ramps
- 26 Vehicle Stoppers
- 28 Parking Posts

**Installation & Support**

- 30 Installation Service & Product Support

Welcome to our range of traffic products.

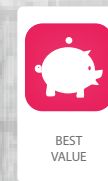
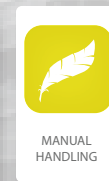
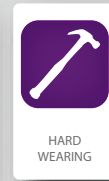
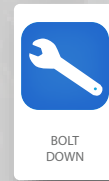
At Rediweld we are dedicated to green innovation, by using recycled materials in resource efficient ways, to create our products.

For twenty years we have worked with local authorities and highway engineers to introduce new ideas and improve the performance and sustainability of our products.

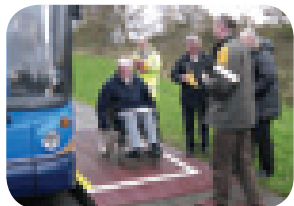
In challenging times the benefit of this improvement is that we are delivering to our customers, more for less.

Managing Director

Roger Marsh



2006 BusPad launched and wins second Highways award



2007 MiniSitecop and Vehicle Stopper introduced for car parks



2009 RediPave launched to create Islands and Build Outs

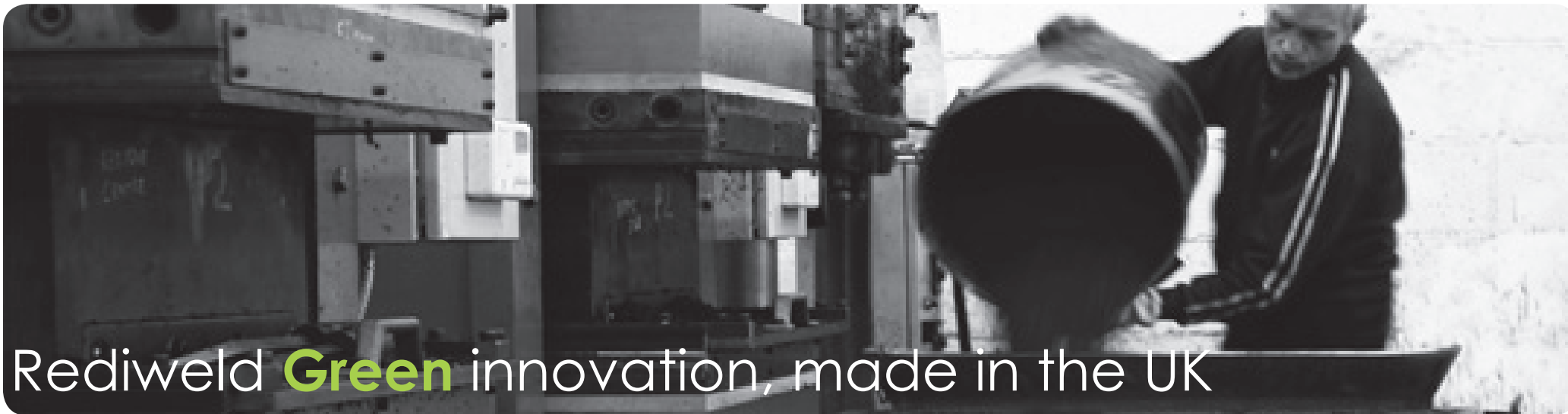


2010 Traficop 1 in 16 ramp introduced for bus routes



2011 TruckStop launched with design to suit HGV's





# Rediweld **Green** innovation, made in the UK

Rediweld has a wealth of knowledge in the design and manufacture of traffic products. We are also committed to green innovation and the reduction of waste and energy consumption, in order to create a sustainable supply chain that is good for the environment and for our business.



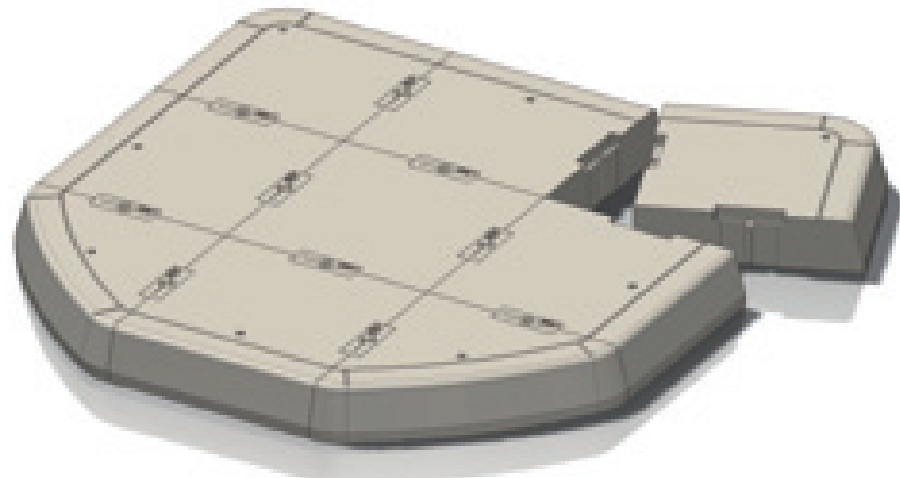


# Traffic Islands

## Key Product Features

- Complete System** Manually handled with no infill required and relocatable
- Easy Installation** Installed in less than one hour reducing risk to operatives
- Minimum Disruption** To users and the public
- Surface Mounted** Bolt down with no excavation and no spoil
- Environment** Recycled product made in the UK

**R**ediPave is a versatile modular system for constructing traffic islands and build outs, which is easy to install and provides a half battered (HB) kerb face. For improved safety RediPave can be supplied with high visibility markings moulded in at manufacture, together with passively safe 'Keep Left' signs and bollards.



RediPave Refuge Island Modules

Module	Height (mm)	Length (mm)	Width (mm)	Weight (kg)
Edge	125	500	500	21.7
Centre	125	500	500	21.5
Corner	125	500	500	21.9
Radius	125	500	500	14.0

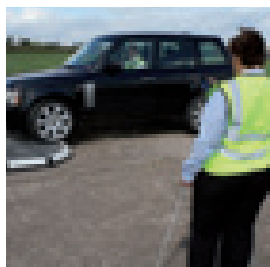




Before and after images of Stephenson Drive, Leicester

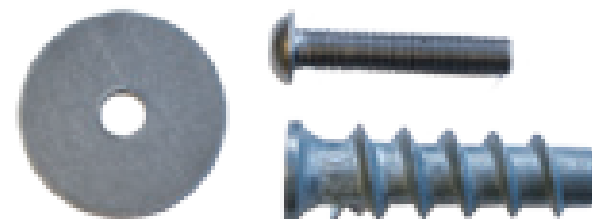


**Sign Bollards**  
Rediweld supply 'Keep Left' and other sign bollards for use with RediPave and RediKerb installations.

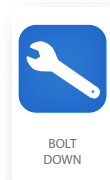


RediPave testing at JLR, Gaydon

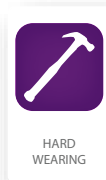
RediPave has been proven in a series of kerb strike tests at the Jaguar Landrover, Gaydon test centre. These tests, which included impact at 30 mph, impact under heavy breaking, scuffing along the side and scrubbing along the top surface, demonstrated not only the strength of the products but also the energy absorption which minimises any potential damage to the side walls of a tyre that can lead to a puncture.



RediPave Sign Fixing Kit



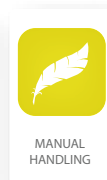
BOLT DOWN



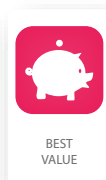
HARD WEARING



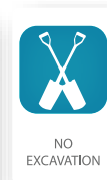
QUICK INSTALLATION



MANUAL HANDLING



BEST VALUE



NO EXCAVATION



RECYCLED MATERIAL

# Traffic Islands



The new RediPave Splitter Island offers an easy to install lane separator in the same unique modular system as the RediPave Refuge Islands.



RediPave at a retail location



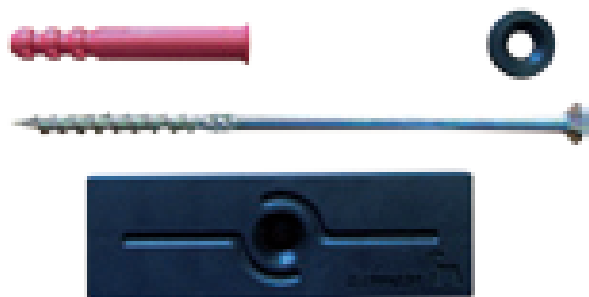
RediPave Splitter Island Modules

Module	Height (mm)	Length (mm)	Width (mm)	Weight (kg)
Centre	125	500	500	21.7
End	125	250	500	14.0



## Installation

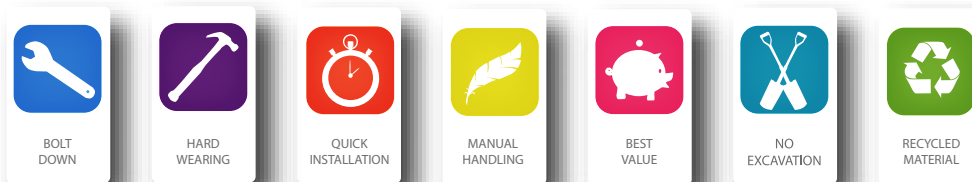
- Loose lay RediPave modules
- Drill Ø 14mm hole to depth of 270mm from the module surface into the carriageway
- Blow out holes and insert resin
- Secure with Anchor Block or washer, stainless steel screw and RediPlug



RediPave Fixings



RediPave Splitter Islands in Edinburgh



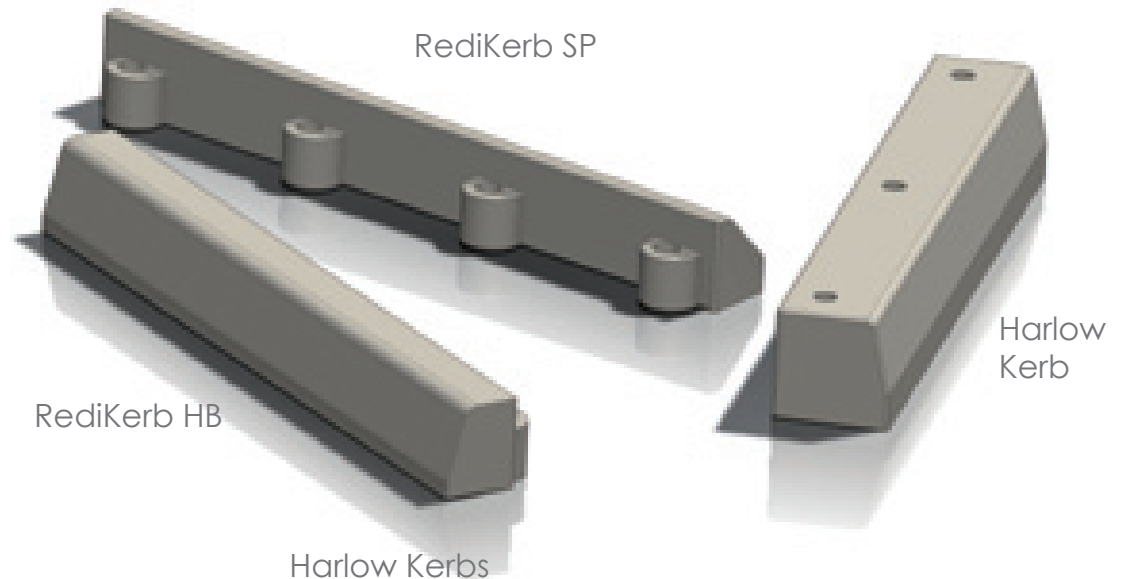
# Surface Kerbing

## Key Product Features

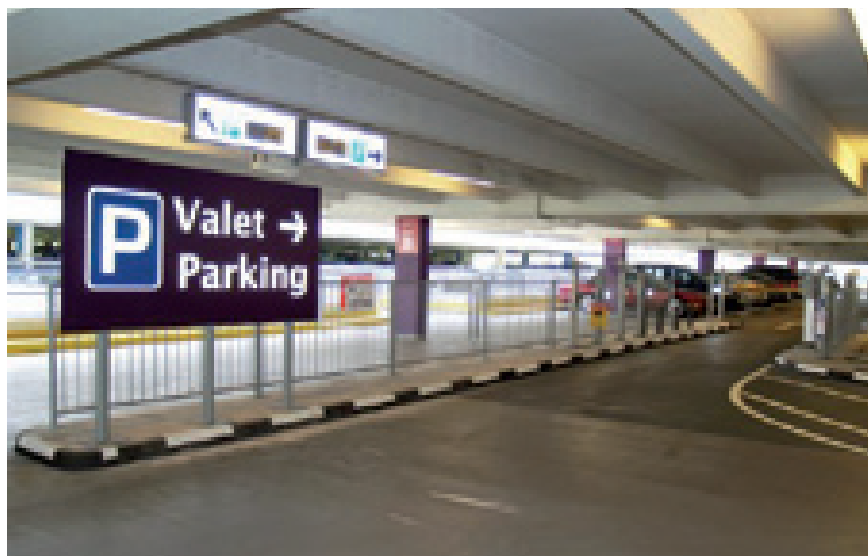
- Easy Installation** Bolt down product requiring no excavation
- Health & Safety** Weight less than 20kg for manual handling
- Applications** For multiple or temporary use, can be used on tarmac or concrete surfaces
- Environment** Recycled product made in the UK



RediKerb is a comprehensive range of surface kerbing in both half battered (HB) and splayed face (SP) profiles. Kerbs are available in one metre lengths with matching corner units. As standard RediKerb is colour black with white markings but also available without markings and colour grey or red. RediKerb is flexible and can be formed in a curve with minimum radius 4m (SP) and 6m (HB). We also offer a non-flexible Harlow Kerb with HB profile.



Sizes (mm)	Height (mm)	Width (mm)	Fixings	Weight (kg)
914	150	150	3	19.0



RediKerb at Gatwick Airport

### RediKerb Kerbs

Sizes (mm)	Height (mm)	Width (mm)	Fixings	Weight HB/SP (kg)
1000	125	150	4	11.5/10.5

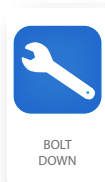
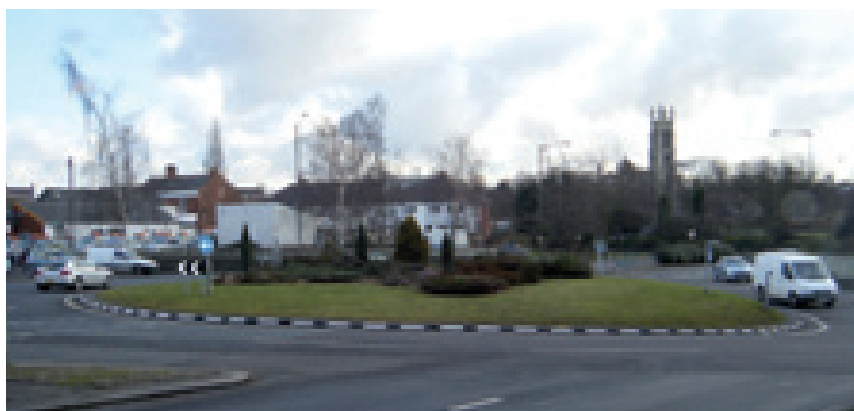
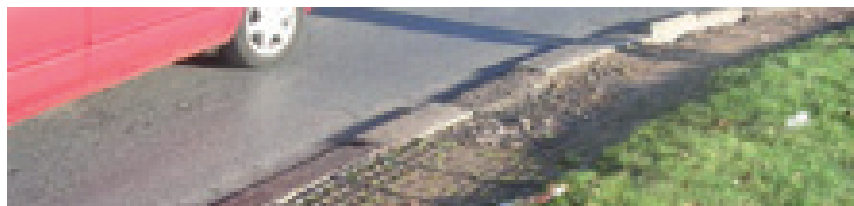
### RediKerb Corner Units

Angle (degree)	Height (mm)	Radius (mm)	Fixings	Weight HB/SP (kg)
45 °	125	250	1	2.3/2.0
90 °	125	250	2	4.5/3.9
135 °	125	250	2	6.7/5.8
180 °	125	250	2	8.9/7.7

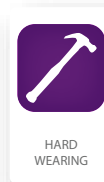
### Case Study:

Traditional methods of using granite kerbs to form the roundabout had been questioned by Worcestershire County Council after HGVs had clipped the island and left debris on the carriageway which was affecting vulnerable road users such as cyclists. That was when RediKerb were approached and suggested the use of their RediKerb. Overnight installation was fast and easy without the need for heavy lifting equipment and lengthy lane closures. 18 months on and the kerbs are still in good condition.

### Before and after images of the Kidderminster roundabout



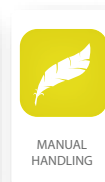
BOLT DOWN



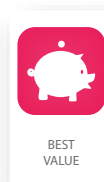
HARD WEARING



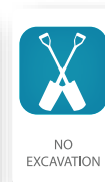
QUICK INSTALLATION



MANUAL HANDLING



BEST VALUE



NO EXCAVATION



RECYCLED MATERIAL

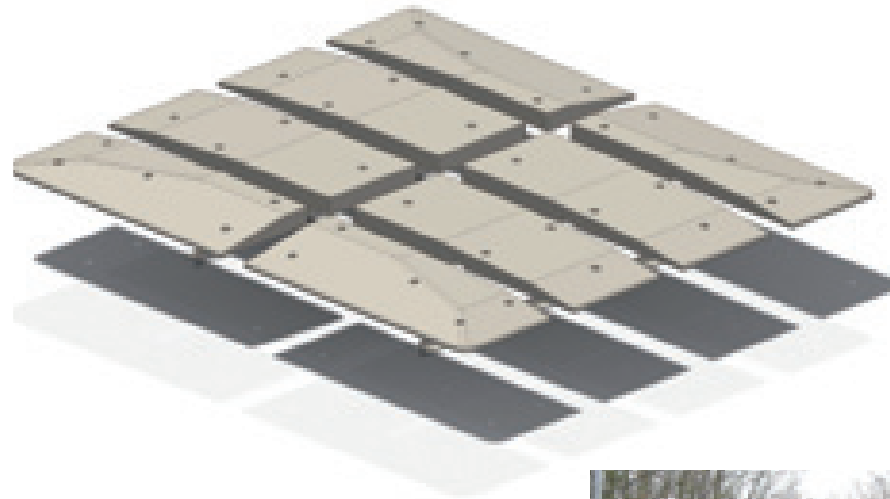
# Speed Cushions



## Key Product Features

<b>Proven</b>	Patented design with 30,000 supplied worldwide
<b>Consistent</b>	Preformed construction for consistent profile with fine leading edge that conforms with road camber
<b>Convenient</b>	Quick to install and can be immediately trafficked
<b>Durable</b>	High visibility markings, steel reinforcing and stainless steel fixings. If damaged modules can be replaced
<b>Versatile</b>	Design allowing different widths, lengths and heights
<b>Surface Mounted</b>	No excavation or adhesive means no spoil and relocatable
<b>Environment</b>	Recycled product made in the UK

Traficop speed cushions offer the ultimate in design versatility with its preformed construction providing consistent profiles and dimensions.



Swindon bus route

telephone: 01420 543007



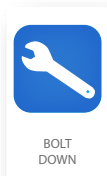
Speed cushions remain a most effective method of reducing vehicle speeds and so reducing accidents. But to address the needs of different road users (residents, pedestrians, emergency services, bus operators, cyclists etc...) requires engineered solutions. Drawing on many years of experience, Rediweld has developed its cushions so that they meet the highway engineers exact specification.

#### Traficop Speed Cushion Modules

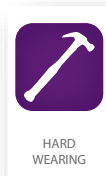
Module	Length (mm)	65mm high		75mm high	
		Width (mm)	Weight (kg)	Width (mm)	Weight (kg)
Ramp 300	1000	300	17.0	300	19.0
Ramp 400	1000	400	23.0	400	26.0
Intermediate 300	1000	300	23.0	300	26.0
Intermediate 400	1000	400	29.0	400	34.0
Corner LH/RH	1000	400	16.0	350	15.0
Side	1000	400	19.0	350	18.0



Traficop Speed Cushions at Milton Keynes



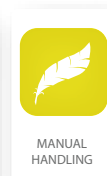
BOLT DOWN



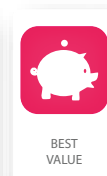
HARD WEARING



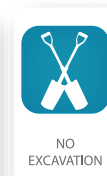
QUICK INSTALLATION



MANUAL HANDLING



BEST VALUE

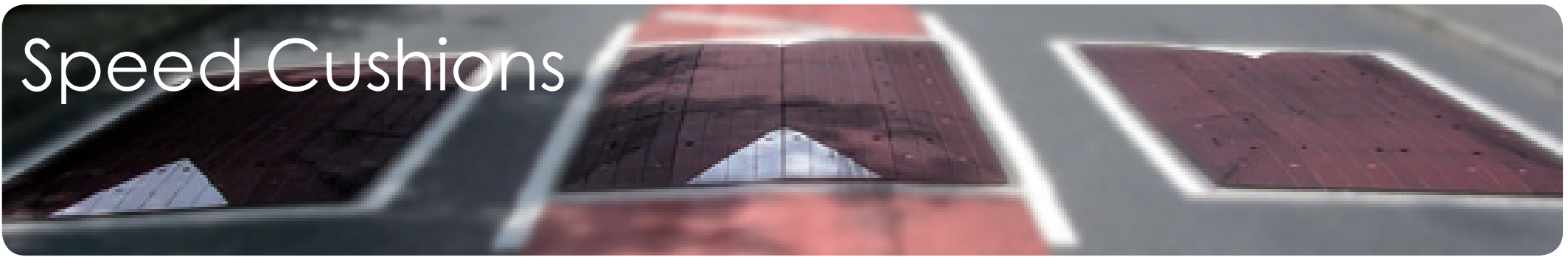


NO EXCAVATION

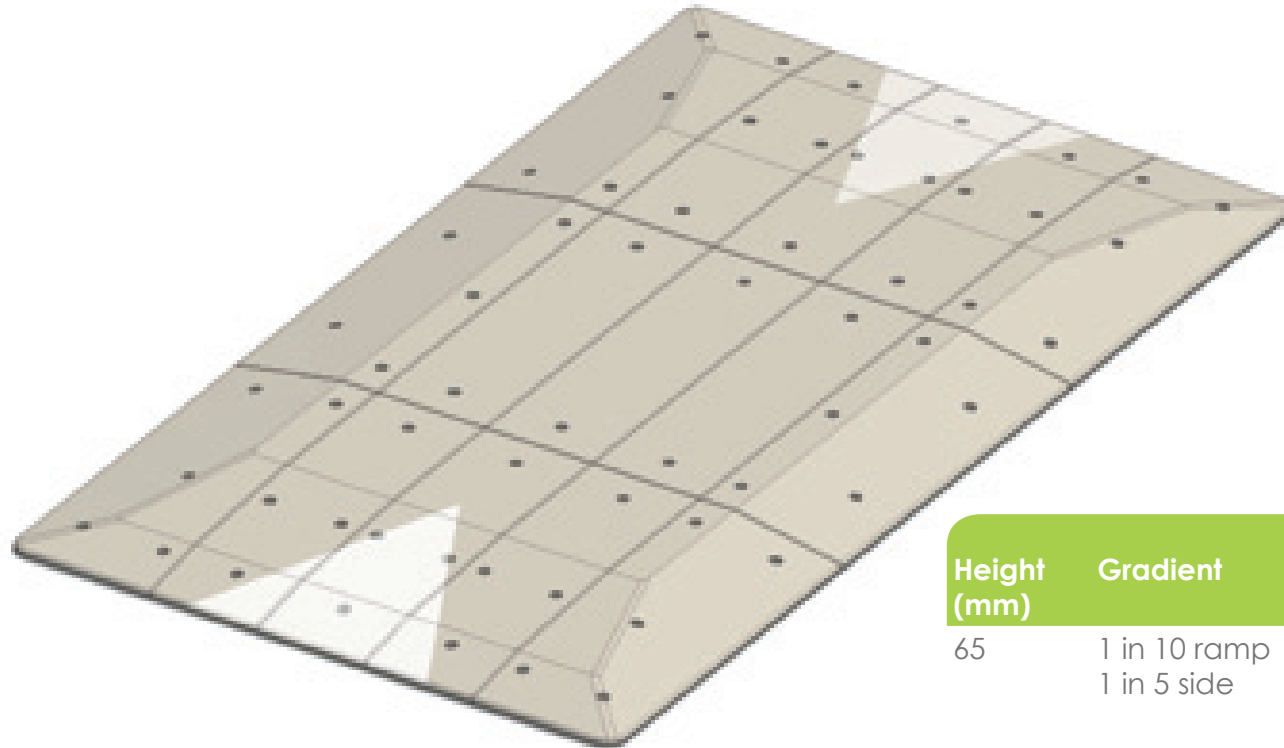
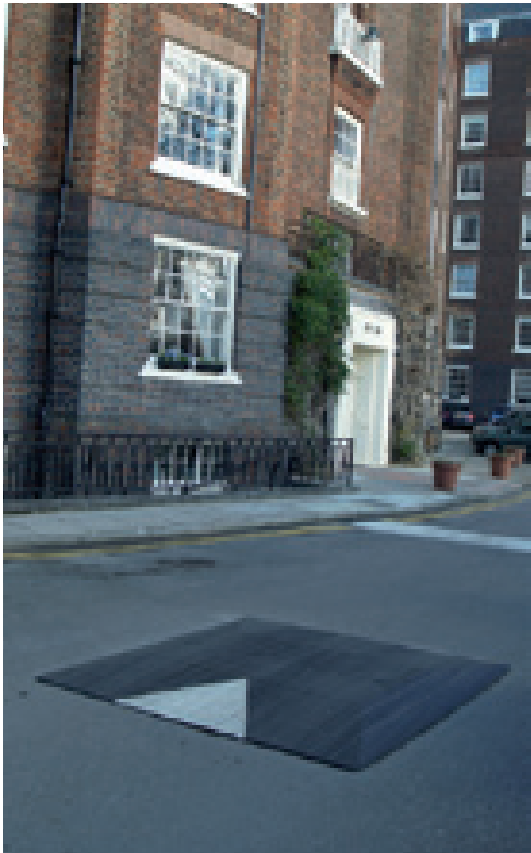


RECYCLED MATERIAL

# Speed Cushions



Traficop speed cushions are available as 65mm or 75mm high, 1.6m to 1.9m wide, 2.0m to 4.0m long and with high visibility markings to suit.



Height (mm)	Gradient	Length (m)	Width (m)
65	1 in 10 ramp 1 in 5 side	2.0	1.6
		3.0	1.7
		4.0	1.8
			1.9
75	1 in 10 ramp 1 in 4 side	2.0	1.6
		3.0	1.7
		4.0	1.8
			1.9



### Cushion Heights

Traficop was originally developed 75mm high conforming with DfT recommendations. The 65mm high version was produced for France and Belgium. This style is now used increasingly in the UK and with a shallower side gradient it is more acceptable to emergency services and bus operators. It also reduces the risk of vehicle grounding on severe cambers.

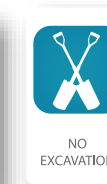
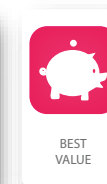
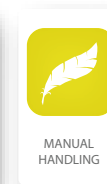
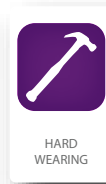
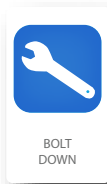


### Case Study: Sainsbury's Supermarkets

When Sainsbury's contacted Rediweld for an alternative to traditional speed ramps we recommended Traficop speed cushions with special markings as they provide a less severe but effective way of reducing vehicle speeds.

Sainsbury's have their tyres retreaded by Bandvulc and the rubber buffings are processed and supplied to Rediweld.

"To have our tyres retreaded by Bandvulc gives us significant savings in our carbon footprint reduction; knowing that the waste stream in place for the buffed rubber actually provides us with speed ramps for our supermarket car parks is doubly satisfying"  
- Operations Support Manager for Sainsbury's Supermarkets



# Raised Tables

## Key Product Features

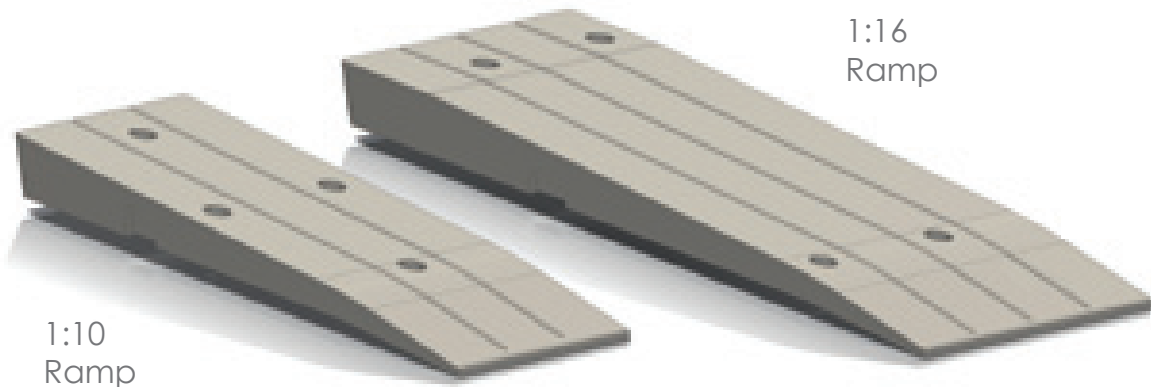
<b>Consistent</b>	Consistent profile from preformed modules
<b>No Excavation</b>	No excavation and no spoil
<b>Versatile</b>	Different widths, lengths and heights, either kerb to kerb or tapered sides
<b>Quiet</b>	Energy absorbent reducing noise and vibrations
<b>Environment</b>	Recycled product made in the UK
<b>Markings</b>	High Visibility markings moulded in at manufacture

**R**aised Tables are available in either Combination construction requiring infill or Full Rubber construction.



Combination Table 1 in 16, Cardiff

Building on our experience of supplying raised tables Rediweld has introduced a new combination table construction with a 1 in 16 ramp gradient. This makes it ideal for bus routes and heavily trafficked roads while providing a flat top height of 75mm as recommended by the DfT to minimise grounding and suit 20 mph zones. The Combination construction with bitmac or RHA infill, provides a cost effective installation.



Traficop Rasied Table at Bunn Leisure

Traficop Full Rubber raised tables can be supplied kerb to kerb or with tapered sides to suit the road width and in lengths 2.0m (Estate), 3.0m (Junior) or 4.0m (Standard) either 65mm or 75mm high.

Combination 1:16 Raised Table 75mm high

Module	Length (mm)	Width (mm)	Weight (kg)
Ramp	1000	400	26.0
Corner LH/RH	1000	350	15.0
Side	1000	350	18.0

Combination 1:10 Raised Table 75mm high

Module	Length (mm)	Width (mm)	Weight (kg)
Ramp	765	300	12.0
Corner LH/RH	1000	350	15.0
Side	1000	350	18.0



Sinusoidal hump in Gent, Belgium

Rediweld offers a Sinusoidal hump that conforms with dimensions used in Holland and Belgium with a maximum height of 120mm and designed for 30 km/hour.

BOLT DOWN

HARD WEARING

QUICK INSTALLATION

MANUAL HANDLING

BEST VALUE

NO EXCAVATION

RECYCLED MATERIAL

# Level Access

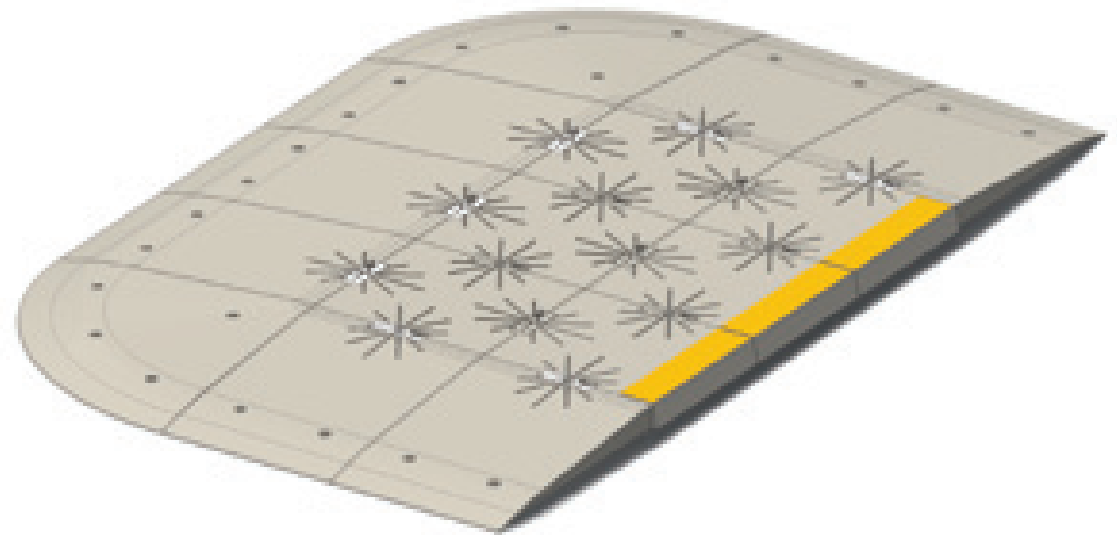
## Key Product Features

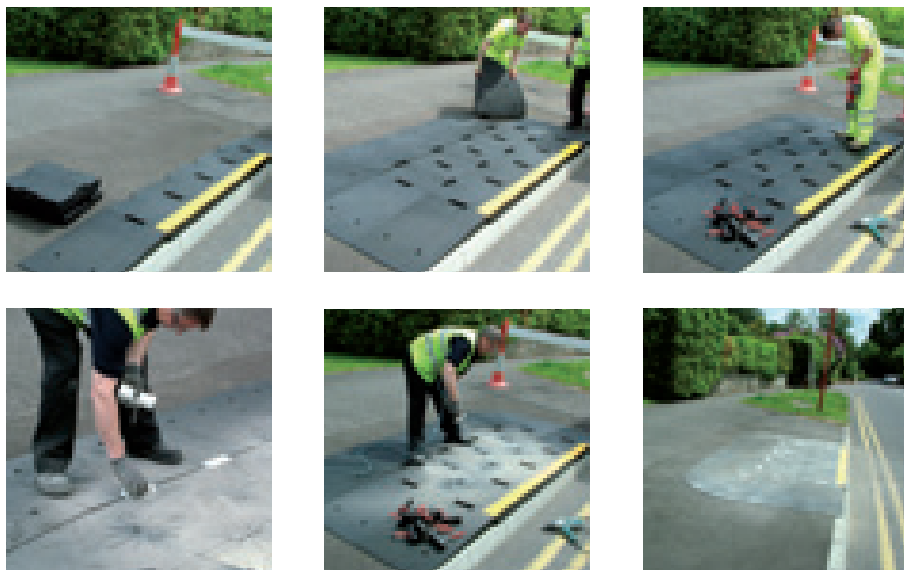
<b>Easy Installation</b>	Installed in less than 1 hour
<b>DDA Conformance</b>	Meet DDA Conformance on a budget
<b>Ease of Maintenance</b>	Long life expectancy
<b>Minimum Disruption</b>	To users and public
<b>User friendly</b>	Clearly marked and different feel under foot
<b>Environment</b>	Recycled product made in the UK

BusPad has been developed based on the experience and feed back of user groups. This resulted in features such as a fine leading edge to prevent a trip hazard, shallow ramp gradients and anti-slip surface on the ramps.

**B**usPad is a modular system that is quick to install and can vary in width and length to suit the location. A typical configuration is 3.5m long by 1.75m wide and a platform height of 65mm.

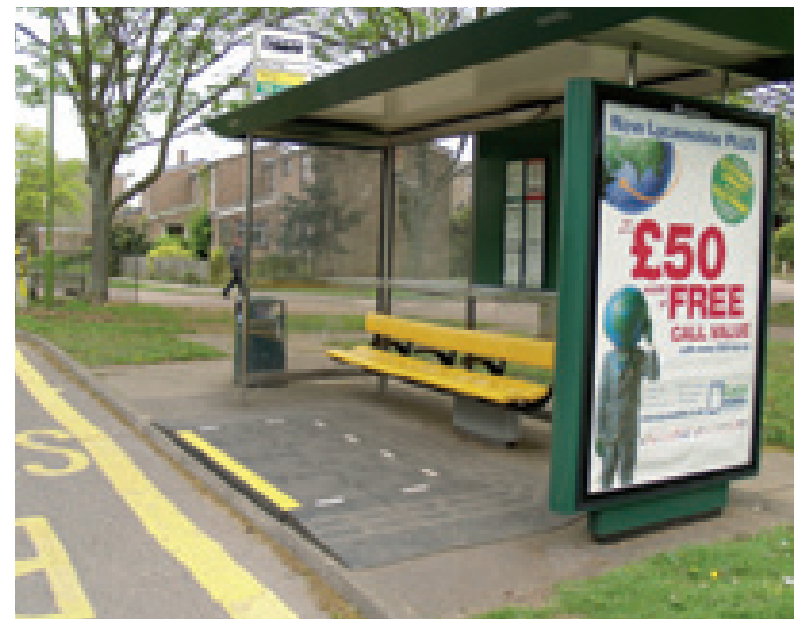
BusPad is supplied in Black complete with a yellow edge marking and white fixing blocks which outline the flat top area.





### Installation

- Loose lay the BusPad modules
- Drill Ø 14mm hole to depth of 180mm from the module surface into the walkway
- Blow out holes and insert resin
- Secure with Anchor Block or washer, screw and RediPlug



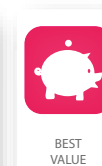
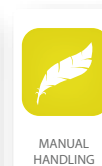
BusPad in Stevenage



BusPad in Swansea

### BusPad Level Access Modules

Module	Height (mm)	Length (mm)	Width (mm)	Weight (kg)
Corner	65	750	750	15.0
Ramp	65	750	500	16.0
Front	65	500	500	18.0
Intermediate	65	500	500	18.0



# Tactile Surfaces

## Key Product Features

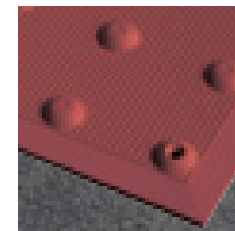
<b>DfT Guidance</b>	Conforms with "Guidance on the use of Tactile Paving Surfaces"
<b>Compliance</b>	Assists providers to achieve DDA Compliance
<b>Material</b>	Unique mineral filled elastomers formulated for durability and abrasion resistance
<b>Surface</b>	Supplied in 400mm square tiles that can be adhered to most surfaces (TakPave) or mechanically fastened (RediFix)
<b>Patterned</b>	Cross hatched surface pattern for greater skid resistance
<b>Colours</b>	Available in buff, grey, black, blue, yellow and red (controlled crossing only)

**R**ediweld offers a comprehensive range of tactile surfaces for the guidance of the visually impaired. Tiles are surface mounted with TakPave requiring adhesive and our new RediFix being mechanically fastened.

### RediFix



Buff



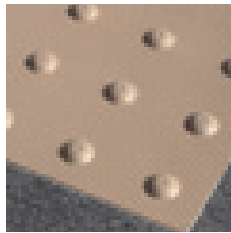
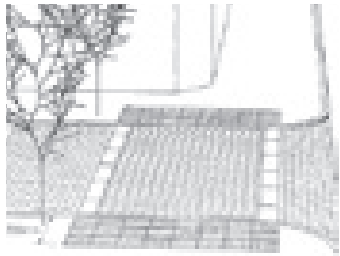
Red

Pedestrian  
Blister pattern  
Indicates pedestrian  
crossing points

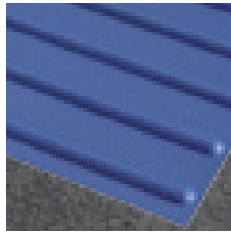
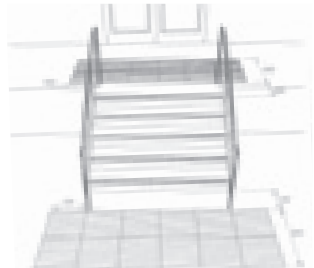


Fastening Screw

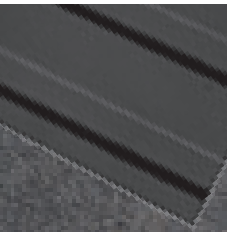
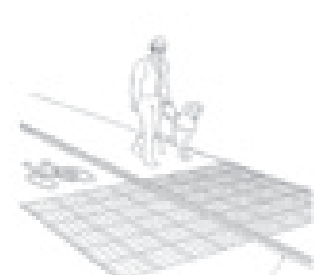
# TakPave



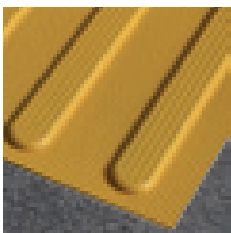
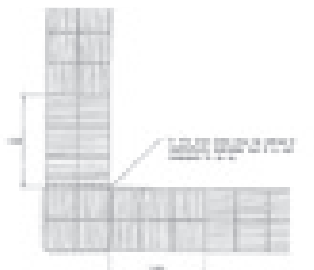
**Pedestrian**  
Blister pattern  
Indicates pedestrian crossing points



**Corduroy**  
Ribbed pattern  
Indicates a hazard such as steps or ramps



**Cycle**  
Raised bars  
Indicates segregated shared cycle tracks/ footpaths



**Dash**  
Raised bars  
Provides a guidance path



TakPave Pedestrian



TakPave Corduroy

## Colours

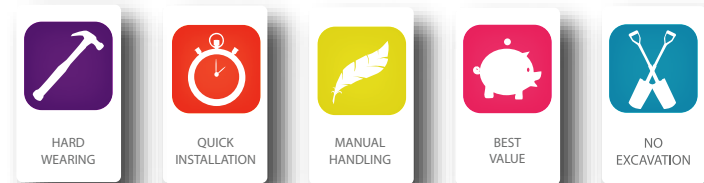


\* RED is only suitable for controlled crossings with Pedestrian Dot.



2 Part Adhesive for TakPave

When installing TakPave and RediFix it is important to follow the information provided in the Department of Transport "Guidance on the use of Tactile Paving Surfaces"



# Passive Safety

## Key Product Features

<b>Rebound</b>	Crash friendly designed to rebound 1,000 times
<b>Low Maintenance</b>	Reducing the need of costly traffic management
<b>Installation</b>	Quick and easy to install
<b>High Visibility</b>	Improves safety at hazardous locations
<b>Flexibility</b>	Suitable for use in many applications

For over six years Rediweld has been developing the applications for Jislon Pole Cones which are now found on motorways, trunk roads, toll booths, laybys, ferry ports, schools, car parks and city centres.

City Pole Cones are available as Ø 80mm, height 800mm (NS or NSE) and Ø 130mm, height 800 or 900mm (NS only)

Jislon Pole Cones are a unique range of low maintenance passively safe posts for both Highway and Urban use.



### City Pole Cones

Jislon City Pole Cones offer elegant designs for planners and engineers to achieve uncluttered streetscapes.



## Highway Pole Cones

Jislon Highway Pole Cones offer durable solutions that can be installed quickly and last for a long time. They are available with TSRGD or Banded Markings, Ø 80mm and heights 800 or 1000mm (NS, NSE or NF).



## Verge Pole Cones

Because of their durability Verge Pole Cones are ideal for hazardous or vulnerable locations. They are available Ø 80mm and heights 650 or 800mm (NSE or NF).



## Fixings

Jislon Pole Cones are available with a range of fixings:  
 Embedded Anchor Ø 60 NS Type  
 Threaded Insert Ø 22 NSE Type  
 Surface Mounted NF Type



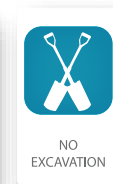
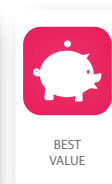
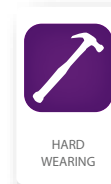
NS Type



NSE Type



NF Type



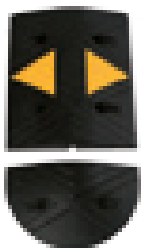
# Speed Ramps

## Key Product Features

<b>Easy Installation</b>	Quick and easy to install and can be swiftly relocated
<b>Quiet</b>	'Soft' feel compared to other materials providing 'quiet' speed reduction
<b>High Visibility</b>	Distinctive high visibility yellow markings moulded into the product
<b>Modular Design</b>	Modular design with middle units 500mm wide and matching end units 250mm wide
<b>Strength</b>	For strength and alignment each style requires a reinforcing tube
<b>Environment</b>	Recycled product made in the UK

Rediweld offers its unique Sitecop range of speed ramps with three different profiles to suit almost any application.





MiniSitecop is the cost effective answer for reducing speeds in car parks, private roads and commercial areas.

### MiniSitecop



Module	Height (mm)	Length (mm)	Width (mm)	Weight (kg)
Middle	50	400	500	6.5
End	50	400	250	3.0



Designed to be less severe and suitable for HGV's, SitecopPlus is ideal for residential, retail, distribution and infrastructure sites.

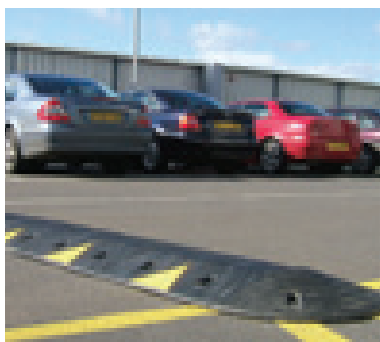
### SitecopPlus

Module	Height (mm)	Length (mm)	Width (mm)	Weight (kg)
Middle	70	1000	500	25.0
End	70	1000	250	8.0



The original Sitecop is ideal when severe speed reduction is needed for schools and access points or to prevent tail gating at barriers.

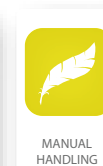
### Sitecop



Module	Height (mm)	Length (mm)	Width (mm)	Weight (kg)
Middle	70	500	500	12.5
End	70	500	250	4.0



\*\*Please note that a reinforcing tube is required for all Sitecop speed ramps but is not supplied. MiniSitecop Ø 25mm and Sitecop/SitecopPlus Ø 50mm \*\*

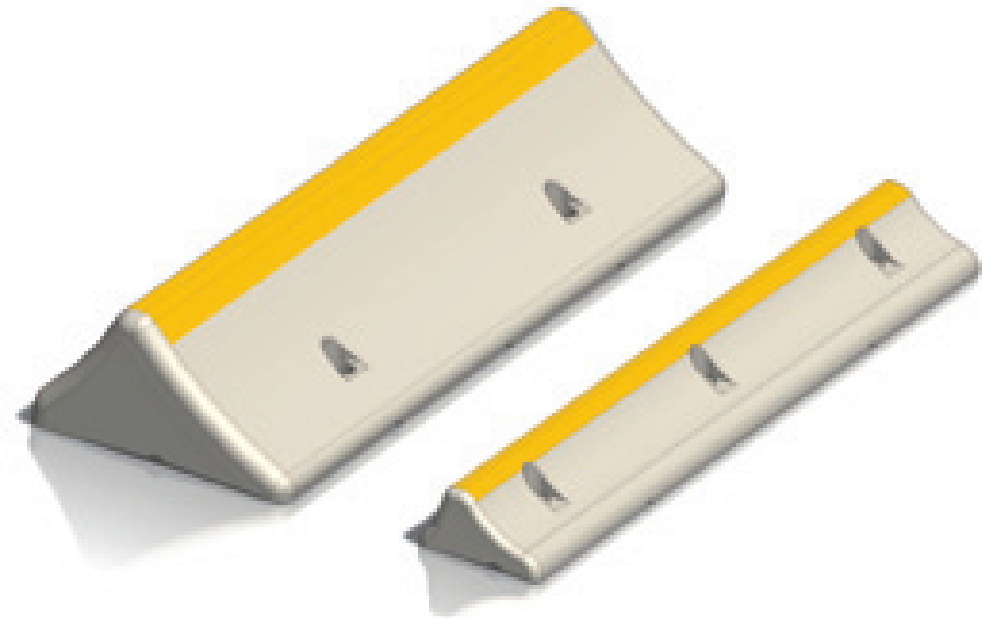


# Vehicle Stoppers

## Key Product Features

<b>Easy Installation</b>	Quick and easy to install and can be swiftly relocated
<b>Safety Profile</b>	Asymmetric profile for maximum resistance without wheel trapping
<b>High Visibility</b>	High visibility yellow markings moulded into the product
<b>Environment</b>	Recycled product made in the UK

**V**ehicle Stoppers are an effective way of protecting walkways, buildings and equipment. Rediweld offer two types of Vehicle Stopper. The 80mm high CarStop is ideal for car parks. For HGV's and buses we have introduced the new 150mm high TruckStop. Both products are designed to prevent vehicle trapping.





**TruckStop**  
TruckStop is ideal for distribution and warehouse locations, as well as infrastructure sites such as ferry ports.

### Kerb Separator



### Kerb Separator

For improved safety in shared spaces Rediweld offers its surface kerbing with high visibility markings as a Kerb Separator, 1m long and 125mm high.



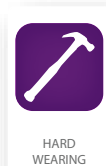
**CarStop**  
CarStop is ideal for car parks and especially useful for retail or community areas where access is tight.

### Vehicle Stoppers

Model	Height (mm)	Length (mm)	Width (mm)	Fixings	Weight (kgs)
CarStop	80	1000	140	3	7.0
TruckStop	150	1000	300	5	25.0



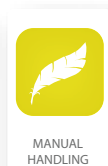
BOLT DOWN



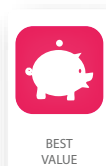
HARD WEARING



QUICK INSTALLATION



MANUAL HANDLING



BEST VALUE



NO EXCAVATION



RECYCLED MATERIAL

# Parking Posts

## Folding Posts

Provide controlled access



Model: Collapsible  
Finish: Galvanised  
Lock: Padlock required  
Section:  $\varnothing$  60mm  
Height: 765mm  
Weight: 6.0kg

Model: Pushlock  
Finish: Yellow  
Lock: Integrated  
Section:  $\varnothing$  60mm  
Height: 625mm  
Weight: 6.0kg

## Telescopic Posts

Ideal for driveways



Model: Heavy Duty  
Finish: Galvanised  
Lock: Integrated  
Section:  $\varnothing$  89mm  
Above Ground: 700mm  
Below Ground: 950mm  
Weight: 18.0kg



Model: Light Duty  
Finish: Galvanised  
Lock: Padlock required  
Section:  $\varnothing$  70mm  
Above Ground: 590mm  
Below Ground: 720mm  
Weight: 12.0kg



## Fixed Posts

For permanent access restriction  
or building protection



Model: Excavated  
Finish: Black/Yellow  
Section: Ø 89mm  
Above Ground: 910mm  
Below Ground: 400mm  
Weight: 12.0kg

Model: Surface  
Finish: Black/Yellow  
Lock: Integrated  
Section: Ø 89mm  
Above Ground: 910mm  
Weight: 9.0kg

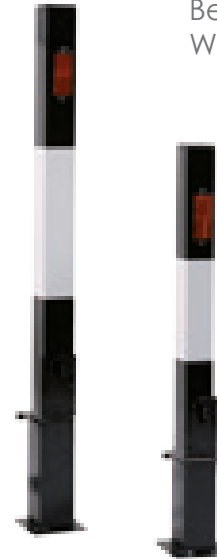
## Removable Posts

Heavyweight removable  
security

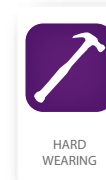


Model: Small  
Finish: Black/White  
Lock: Padlock required  
Section: □ 70mm  
Above Ground: 720mm  
Below Ground: 200mm  
Weight: 9.0kg

Model: Medium  
Finish: Black/White  
Lock: Padlock required  
Section: □ 80mm  
Above Ground: 995mm  
Below Ground: 250mm  
Weight: 12.0kg



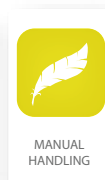
Model: Large  
Finish: Black/White  
Lock: Padlock required  
Section: □ 90mm  
Above Ground: 1110mm  
Below Ground: 300mm  
Weight: 20.0kg



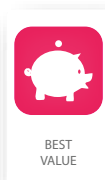
HARD  
WEARING



QUICK  
INSTALLATION



MANUAL  
HANDLING



BEST  
VALUE

# Installation & Support

## Key Service Features

<b>Trained</b>	Qualified and experienced in-house installation team
<b>Equipment</b>	Fully resourced with appropriate plant & equipment
<b>Chapter 8</b>	'Give and Take' traffic management as per Chapter 8
<b>Cost Effective</b>	Fast, reliable and cost effective service
<b>Site Surveys</b>	Site survey and risk assessments carried out by trained staff
<b>Site Supervision</b>	Performed by trained staff, with good installation knowledge
<b>Traffic Management</b>	Traffic Lights or Stop and Go can be arranged by Rediweld if required

**R**ediweld provides a contracting service that is a direct response to requests from local authorities and facility managers for products to be both supplied and installed from one source. Rediweld also offers support to contractors with installation training as well as site surveys and advice for new projects.

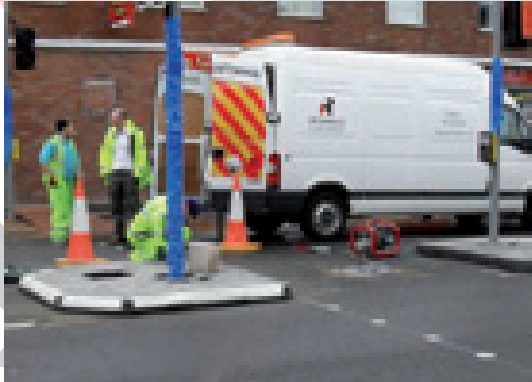
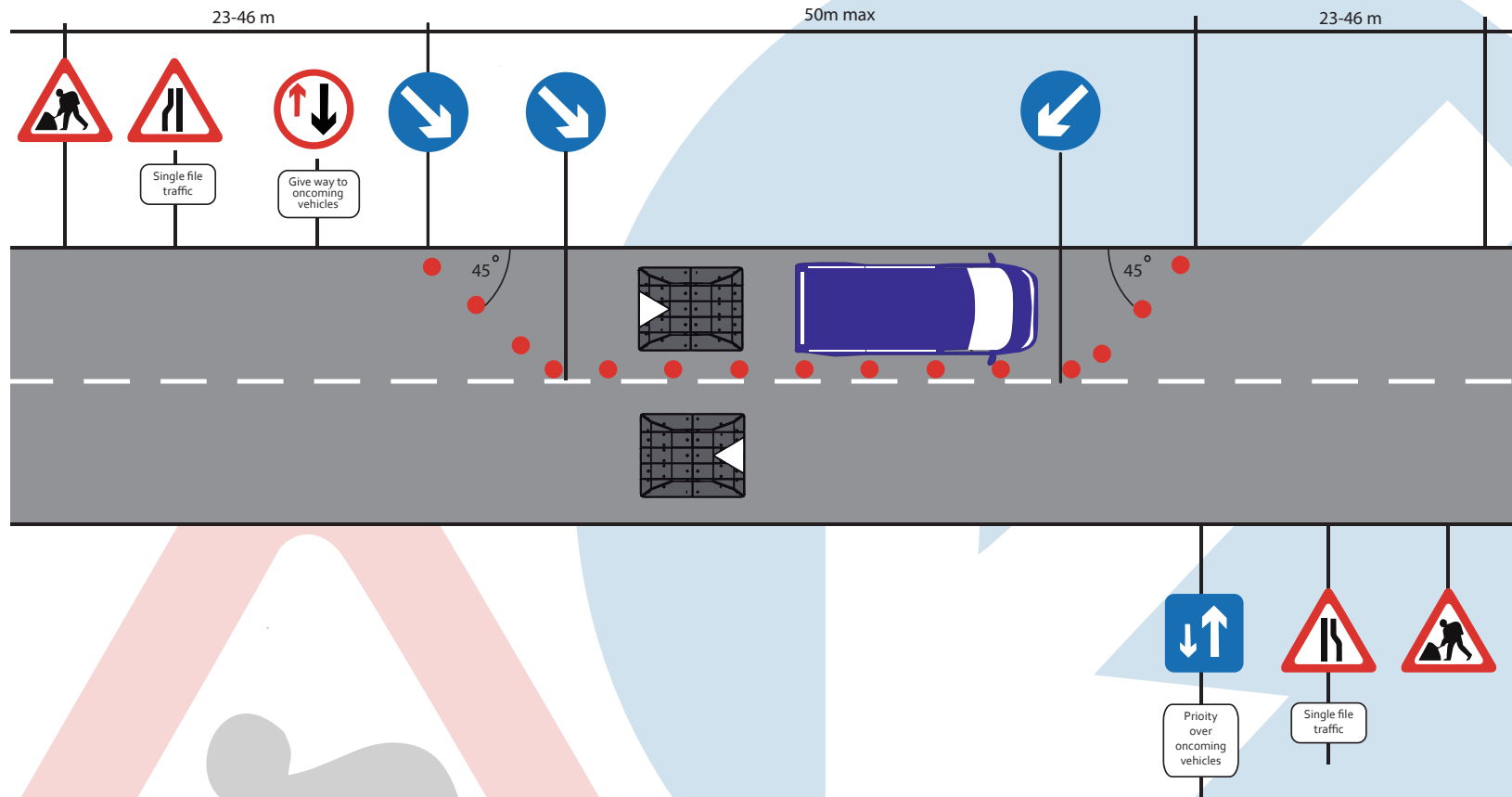
This service is offered across our range of products for traffic calming, islands and kerbing, level access, speed ramps, pole cones and tactile surfaces. Rediweld carry out risk assessments and provide method statements and traffic management.

Rediweld offer maintenance packages for up to 5 years from the installation of the product which has been installed by Rediweld.



"The team responsible for constructing the product we ordered proved to be efficient and courteous. The product on site meets our expectations and we are more than happy with the service Rediweld have provided."

Gateshead MBC





Traffic  
Products

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Hampshire  
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Website: [www.rediweldtraffic.co.uk](http://www.rediweldtraffic.co.uk)



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