



**tru-gard**<sup>TM</sup>

***SAFETY INNOVATIONS***

# Traffic Management Solutions

In a changing  
environment

No matter what your trade or industry TRU-GARD™ can offer you a solution to your safety needs. Call or email us today!



## FREIGHT & PACKAGING

We'll send it fast and packaged well. The "Big Stuff" is on big trucks and the "Light Stuff" (less than 25kg) is sent by courier.

## PLANNING TIP

Please don't start your installation until you have received all the product in good condition and it's all there. This will enable you to resolve any issues beforehand.

**NOTE:** TRU-GARD™ recommend using galvanised products outside for longer life. Galvanised items can be coated safety yellow to increase visibility.

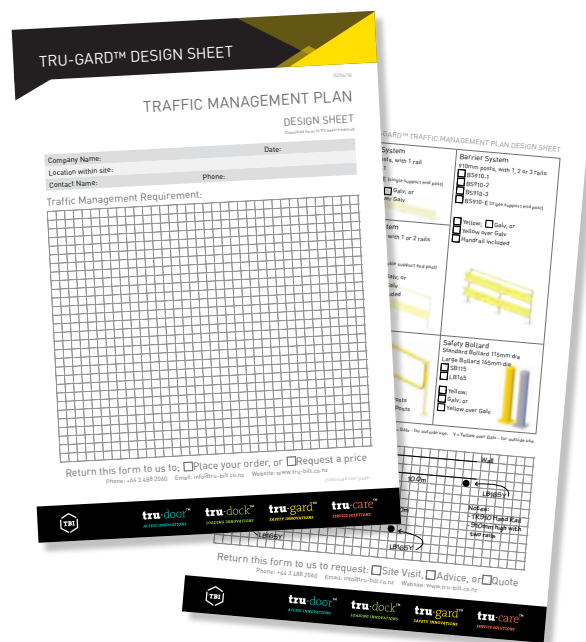
## Why TRU-BILT?

With a new emphasis on traffic management and personnel safety in the workplace, your worn-out yellow line and dusty old sign no longer meet the changed environment of Health and Safety practice. TRU-BILT can come to your site, evaluate your needs and provide you with a solution that works. Our range of Tru-Gard™ products will reduce your traffic risks and create a pedestrian safety zone you can rely on.

Mark Taylor  
General Manager  
TRU-BILT Industries Ltd

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**HUGE  
RANGE**

Check out the new products making New Zealand safe at realistic prices.



**FAST &  
RELIABLE**

Call or email us today! The team at Tru-Gard can help you. Large stocks and fast freight, we get it to you in a jiffy!



**MONEY  
BACK**

If the item is not up to scratch, we'll sort it out. Return the unused item in its original packaging within 30 days and we'll give you a full refund or replacement.



**EASY  
PAY**

Trade accounts can help you and your cashflow, call for an application form today!

**DISCLAIMER:** Every effort has been made to ensure accuracy and the most up-to-date information in the compilation of this catalogue. However, Tru-Bilt Industries Ltd does not accept responsibility for inaccuracy or errors contained herein. Information and values presented are intended only as a guide to performance and application suitability. Nothing herein constitutes a warranty that any product is specifically suitable for a particular purpose. Tru-Bilt Industries Ltd will not accept any liability for product failure or ineffectiveness due to disrespect of manufacturer recommendations. Tru-Bilt Industries Ltd reserves the right to change product design, price and specifications without notice.

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# Certified Barrier System



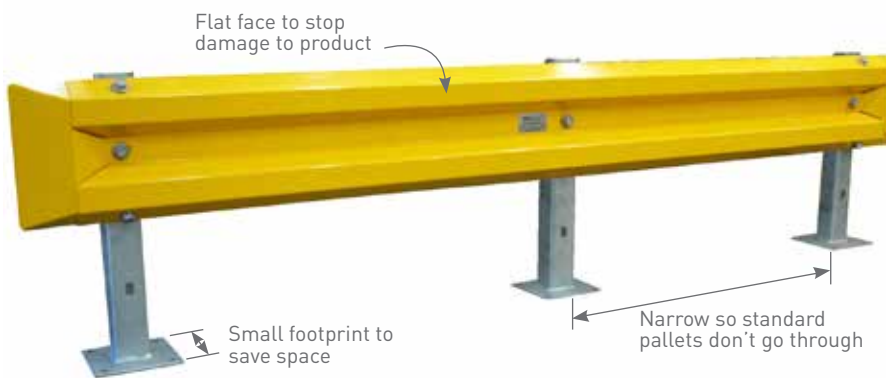
Protect your people and assets with the heavy-duty TRU-GARD™ Barrier system. TRU-GARD™ is a certified barrier system, ideal for traffic management programs, providing protection against forklift damage to buildings and assets, and exceptional safety for personnel. The modular system includes an extensive range of accessories and components configurable for almost any commercial or industrial layout, while the small TRU-GARD™ footprint makes it ideal for a wide variety of applications. Whether you want to prevent vehicle damage and the need for expensive repairs, strengthen your traffic control or simply provide super secure personnel protection – there's no stronger, safer, more cost-effective crash barrier system than a certified TRU-GARD™ Barrier.



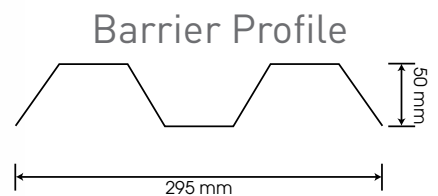
• TESTED • RATED • SAFETY COMPLIANT • PROVEN

## Technical Specification

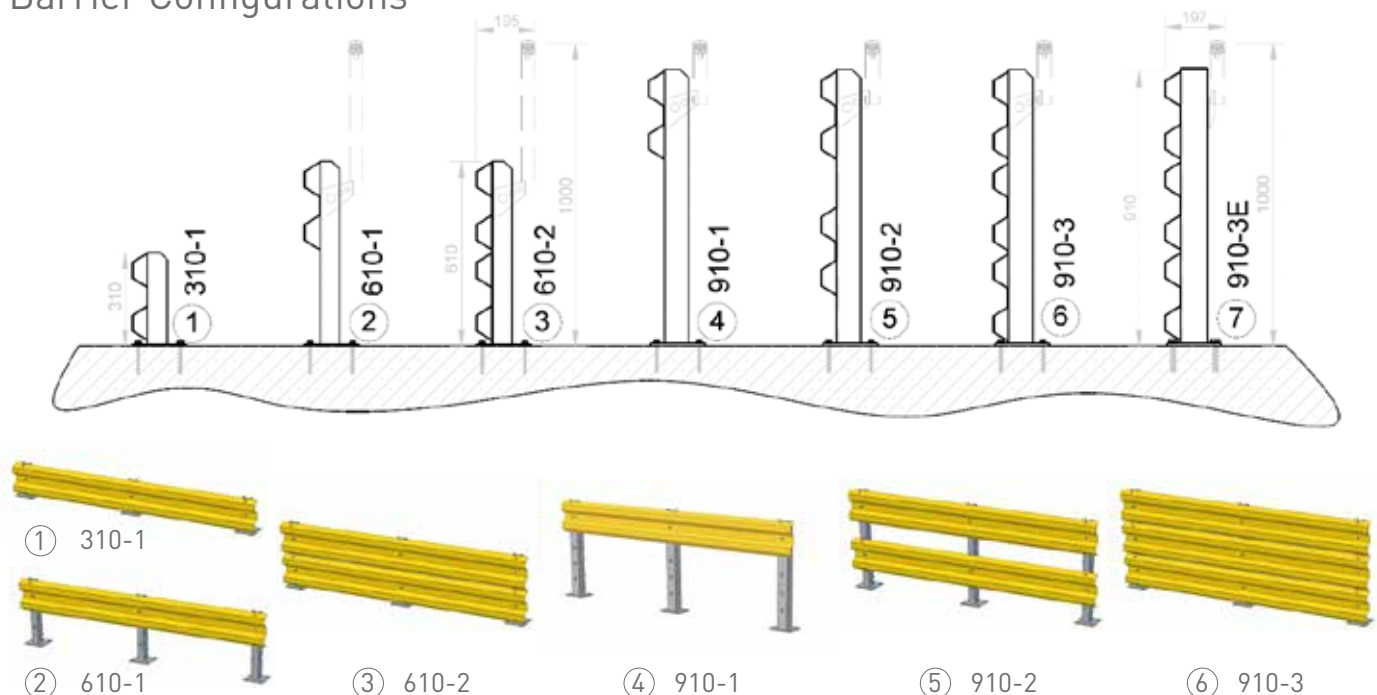
- Post height; 310mm, 610mm or 910mm.
- Barrier Rails; 1, 2 or 3 rails for maximum protection.
- Finish; Safety Yellow, Hot Dip Galvanised or Safety Yellow over HDG.
- Compliant with AS/NZS 1170.1 SECTION 3.8
- Multiple configurations available to suit any application.
- Compatible with the TRU-RAIL™ Safety Hand Rail system.



\*Certified only when using bolts supplied by TRU-GARD™. Certificate available on request.



## Barrier Configurations

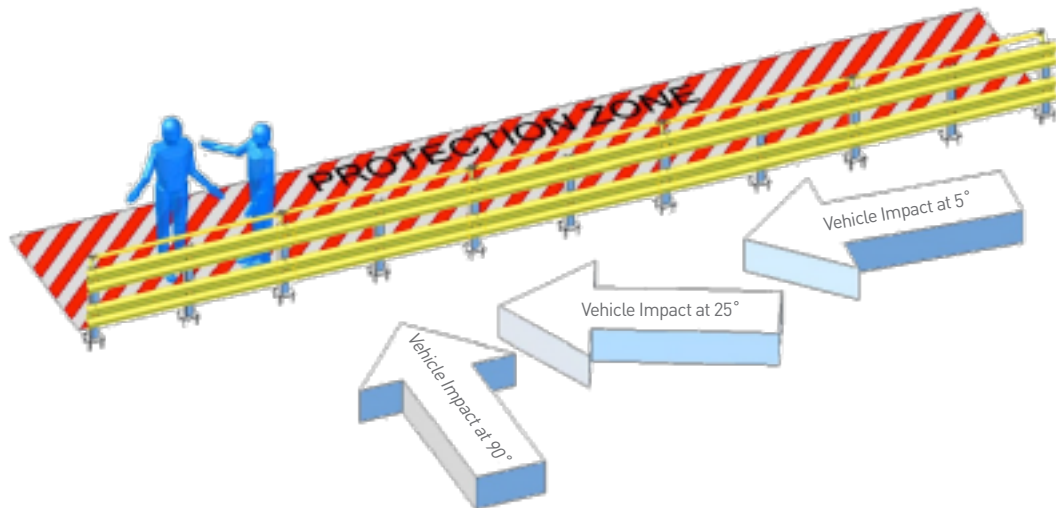


# Certified Barrier System

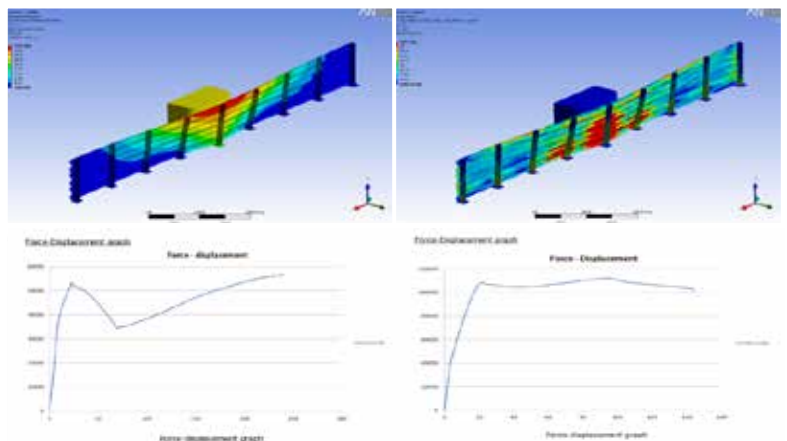


## FEA Impact Analysis

The TRU-GARD™ Barrier System has been extensively engineered with various 3D CAD modelling systems and physical testing to ensure compliance with **AS/NZS 1170.1 SECTION 3.8**. This includes analysis with FEA (Finite Element Analysis) which is a method for calculating stress in a structure when a force is applied. This has resulted in the TRU-GARD™ system being engineered for optimum performance in the event of a serious impact.



Barrier Configuration	Vehicle Mass	Rated at 90°	Rated at 25°	Rated at 5°
1 (310-1)	7000kg/15400lbs	4.6kmh/2.9mph	7.1kmh/4.4mph	15.7kmh/9.8mph
2 (610-1)	7000kg/15400lbs	3.5kmh/2.2mph	5.3kmh/3.3mph	11.7kmh/7.3mph
3 (610-2)	7000kg/15400lbs	7.4kmh/4.6mph	11.3kmh/7.0mph	25.0kmh/15.5mph
4 (910-1)	7000kg/15400lbs	4.3kmh/2.7mph	6.5kmh/4.0mph	14.4kmh/8.9mph
5 (910-2)	7000kg/15400lbs	6.3kmh/3.9mph	9.8kmh/6.1mph	21.5kmh/13.4mph
6 (910-3)	7000kg/15400lbs	7.4kmh/4.6mph	11.4kmh/7.08mph	25.0kmh/15.5mph
7 (910-3E)	23000kg/50700lbs	7.5kmh/4.7mph	11.5kmh/7.15mph	25.3kmh/15.7mph



Certification available by request

# Certified Barrier System



## Tru-Gard™ Steel Barrier Systems

vs

## Plastic Barrier Systems



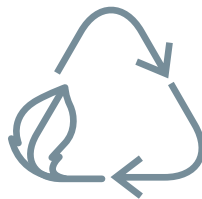
Easy to clean; complies with hygiene standards; perfect for food safety environments



Dirt adheres easily to the synthetic material; cleaning chemicals can corrode surface making it unsightly and even more difficult to keep clean



100% recyclable; environmentally friendly; not harmful to the planet



Not biodegradable; damaging to the Earth's environment; adverse affects for wildlife, sealife and natural habitats



Fire-retardant qualities reduce the spread of an accidental blaze; zero risk of combustion



Potentially flammable; safety risks include fast spread of fire, harmful smoke and gas



Solid fixings that won't damage your concrete, so detrimental cracks are avoided



Flexible fixings designed to prevent floor damage reduce the effectiveness of the barrier, putting any pedestrians in the flex zone at risk



Minimal walkway buffer space required; precious floorspace retained; savings yielded



Maximum walking buffer space required to allow plastic barrier to flex outward under impact; pedestrian safety compromised; warehouse space sacrificed



Impact is absorbed and spread so damage is contained within the crash zone; shrapnel is not a risk



Barrier flexibility absorbs impact up to a limit, thereafter plastic shatters creating significant debris and potential injury



# Certified Barrier System Components



## Barrier

- Safety yellow
- 2400mmL as standard (1200mmL by request)
- 295mmW
- 2mm thick steel
- Zinc coated base coat
- Bolts included
- Internal use



CODE **BR240Y**

## Barrier

- Galvanised steel
- 2400mmL as standard (1200mmL by request)
- 295mmW
- 2mm thick steel
- Bolts included



CODE **BR240G**

CODE **BR240GY** Safety yellow over Galvanised finish

## Single Support

- Galvanised 310mmH
- 6mm bottom plate
- 180mm x 180mm base
- 4x 10mmØ x 100mm screw bolts included



CODE **BS310**

## Single Support End Post

- Galvanised 310mmH
- Use on the ends of each run
- 6mm bottom plate
- 180mm x 180mm base
- 6x 10mmØ x 100mm screw bolts included
- Plastic cap



CODE **BS310 - E**

## Double Support

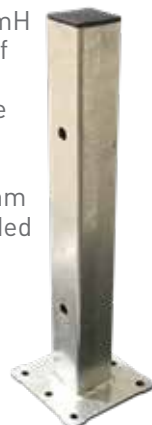
- Galvanised 610mmH
- 6mm bottom plate
- 180mm x 180mm base
- 4x 10mmØ x 100mm screw bolts included



CODE **BS610**

## Double Support End Post

- Galvanised 610mmH
- Use on the ends of each run
- 6mm bottom plate
- 180mm x 180mm base
- 6x 10mmØ x 100mm screw bolts included
- Plastic cap



CODE **BS610 - E**

## Triple Support

- Galvanised 910mmH
- 10mm bottom plate
- 180mm x 180mm base
- 4x 10mmØ x 100mm screw bolts included



CODE **BS910**

## Triple Support End Post

- Galvanised 910mmH
- Use on the ends of each run
- 10mm bottom plate
- 180mm x 180mm base
- 6x 10mmØ x 100mm screw bolts included
- Plastic cap



CODE **BS910 - E**



## End Cap

- Safety yellow finish
- Zinc plated base
- Adds 110mm to barrier length
- 3mm thick
- Bolts included
- Internal use



CODE **BE295Y**

## External Corner

- Safety yellow
- 90°
- 3mm thick
- Bolts included
- Internal use



CODE **BC090Y**

## Internal Corner

- Safety yellow
- 90°
- Bolts included
- Internal use



CODE **IC090Y**

## End Cap

- Galvanised
- Adds 110mm to barrier length
- 3mm thick
- Bolts included



CODE **BE295G**

Safety yellow over Galvanised finish

CODE **BE295GY**

## External Corner

- Galvanised
- 90°
- 3mm thick
- Bolts included



CODE **BC090G**

Safety yellow over Galvanised finish

CODE **BC090GY**

## Internal Corner

- Galvanised
- 90°
- 3mm thick
- Bolts included



CODE **IC090G**

Safety yellow over Galvanised finish

CODE **IC090GY**

## Multi Corner

Tricky angles? The multi corner is the answer, giving you multiple angles and having a clean 'no catch back'.

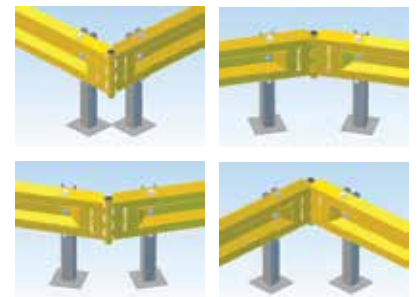
- Heavy duty hinge
- 3mm thick



- Safety yellow finish
  - Internal use
- CODE **MC180Y**



- Galvanised
- CODE **MC180G**  
Safety yellow over Galvanised finish  
CODE **MC180GY**



## Personnel Gate

Stop foot traffic from walking into the path of forklifts.

- 560mm high x 1010mm wide
- Safety yellow finish
- Auto close

Includes

- Gate
- Fixing bolts/screws

Note: Gate mounts to TR010 on page 9 or directly onto BS910-E, not included.

Internal use  
CODE **TRG1100Y**

Galvanised  
CODE **TRG1100G**

Safety yellow over Galvanised finish  
CODE **TRG1100GY**



# Tru-Rail Hand Rail System

Tru-Rail™ is a complete hand rail system that can be incorporated into the Tru-Gard™ Barrier System or used as a stand-alone separation. Protect and guide your staff out of harm's way and show that you care!

• **MODULAR** • **NON-RUSTING** • **COMPLIANT**





## Personnel Frame

- Safety yellow
- 1000mm H x 2250mm L
- Aluminium rails
- 6x screw bolts



CODE **TR225**

## Personnel Extension Kit

- Safety yellow
- Adds 2200mm
- 3x screw anchors



CODE **TR220 - E**

## Standard Post

- Galvanised/Safety yellow
- 3x screw anchors
- 1000mm high



CODE **TR010**

## Hand Rail

- 2140mm long
- Safety yellow over aluminium
- Two sockets and screws



CODE **TR2200**

## 610 End Post

- Galvanised/Safety yellow
- To mount hand rail to 610mm high barrier system



CODE **TR610 - E**

## 910 End Post

- Galvanised/Safety yellow
- To mount hand rail to 910mm high barrier system



CODE **TR910 - E**

## 610 Bracket

- Galvanised/Safety yellow
- To mount hand rail to 610mm high barrier system



CODE **TR610**

## 910 Bracket

- Galvanised/Safety yellow
- To mount hand rail to 910mm high barrier system



CODE **TR910**

## Socket & Screw Set

- To fit TR2200 to post
- Black plastic finish
- Set includes 2 sockets and 2 screws



CODE **TR001**

## Round Cap

- To fit standard post
- Black plastic finish



CODE **TR002**

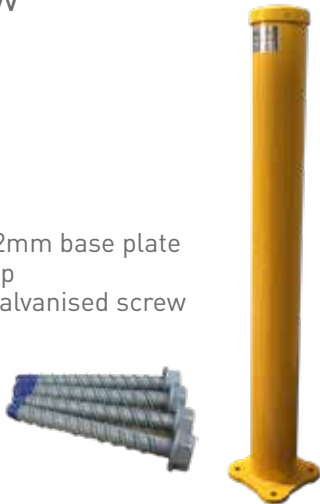
# Certified Safety Bollards

**CERTIFIED  
SYSTEM**

## Standard Yellow Bollard

- Safety yellow
- 1100mm tall
- 115mm  $\varnothing$
- 4.5mm wall
- 180mm x 180mm x 12mm base plate
- Domed aluminium cap
- 4 x 12mm x 150mm galvanised screw anchors included
- Internal use

CODE **SB115Y**

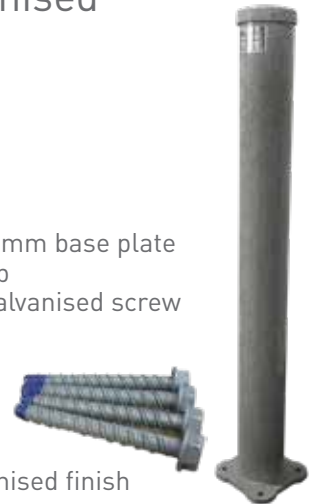


## Standard Galvanised Bollard

- Galvanised
- 1100mm tall
- 115mm  $\varnothing$
- 4.5mm wall
- 180mm x 180mm x 12mm base plate
- Domed aluminium cap
- 4 x 12mm x 150mm galvanised screw anchors included

CODE **SB115G**

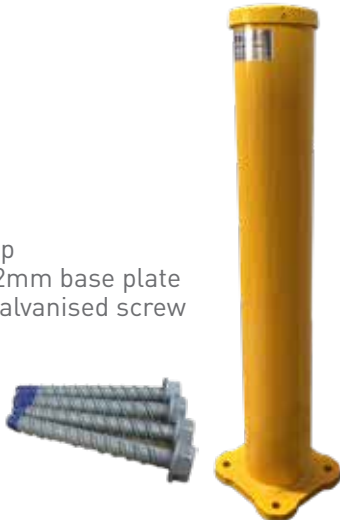
Safety yellow over Galvanised finish  
CODE **SB115GY**



## Large Yellow Bollard

- Safety yellow
- 1100mm tall
- 165mm  $\varnothing$
- 5mm wall
- Domed aluminium cap
- 240mm x 240mm x 12mm base plate
- 4 x 12mm x 150mm galvanised screw anchors included
- Internal use

CODE **LB165Y**



## Large Galvanised Bollard

- Galvanised
- 1100mm tall
- 165mm  $\varnothing$
- 5mm wall
- Domed aluminium cap
- 240mm x 240mm x 12mm base plate
- 4 x 12mm x 150mm galvanised screw anchors included

CODE **LB165G**

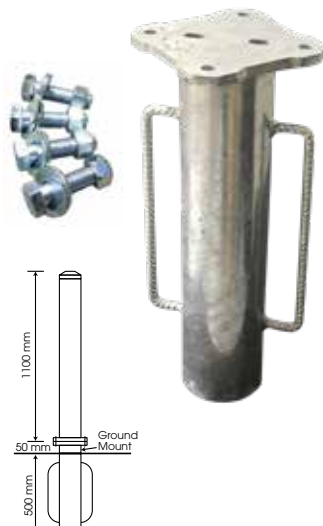
Safety yellow over Galvanised finish  
CODE **LB165GY**



## Standard Ground Mount

- Set into concrete for the ultimate bollard base
- Galvanised
- 550mm tall
- 115mm  $\varnothing$
- 4 x 12mm x 60mm bolts included

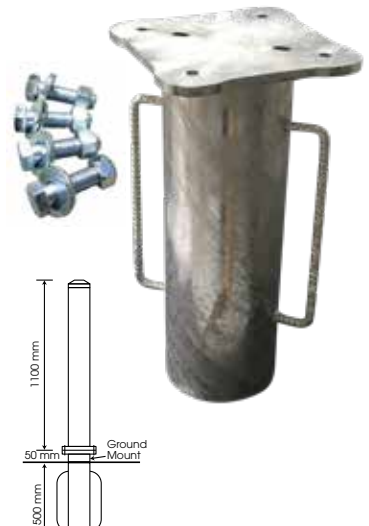
CODE **SB115-GM**



## Large Ground Mount

- Set into concrete for the ultimate bollard base
- Galvanised
- 550mm tall
- 165mm  $\varnothing$
- 4 x 12mm x 60mm bolts included

CODE **LB165-GM**



## Standard Breakaway Ground Mount

- To suit standard bollard
- Hot dip Galvanised
- Includes 4x shear bolts



CODE **SB115-BA**

## Large Breakaway Ground Mount

- To suit large bollard
- Hot dip Galvanised
- Includes 4x shear bolts



CODE **LB165-BA**

## Standard Cast In Bollard

- Galvanised
- 1630mm tall
- 4.5mm wall
- Domed aluminium cap
- 115mm ø
- Can be painted after installation
- Cap can be removed so concrete can be poured into bollard

CODE **CB115G**

Safety yellow over Galvanised finish

CODE **CB115GY**



## Large Cast In Bollard

- Galvanised
- 1630mm tall
- 5mm wall
- Domed aluminium cap
- 165mm ø
- Can be painted after installation
- Cap can be removed so concrete can be poured into bollard

CODE **CB165G**

Safety yellow over Galvanised finish

CODE **CB165GY**



## Heavy Duty Removable Bollard

- Galvanised
- 955mm tall (removeable part)
- 115mm ø
- Removable and lockable (no lock supplied)
- Set 450mm into ground
- Removable part - 15.5kg
- 180mm x 180mm x 12mm base plate

CODE **RB115G**

Safety yellow over Galvanised finish

CODE **RB115GY**



## Look for this sticker on our products!

We strongly recommend the Yellow over Galv option, a high-visibility finish on galvanised steel, suitable for outdoor use. We also provide our products in standard yellow finish suitable for indoor use only, or standard galvanised products suitable for indoor or outdoor use. Tell us your preference.





# Door Frame Bollards

Protect expensive doors and buildings from forklift impact. The top part of the main roll of a door is very expensive and a small lack of concentration from a fatigued forklift driver can spell disaster. Doors and walls can be ripped away, costing thousands of dollars.

Each kit contains:

- 2x side supports
- 1x top support
- 2x corner supports
- 12x M12mm  $\varnothing$  x 150mm screw bolts
- 16x M16mm  $\varnothing$  x 60mm bolts

Two sizes available

115mm  $\varnothing$

CODE **DF115Y**

CODE **DF115G**

CODE **DF115GY**

165mm  $\varnothing$

CODE **DF165Y**

CODE **DF165G**

CODE **DF165GY**



22/01/17

## TRU-GARD

### DOOR FRAME BOLLARD

ENQUIRY FORM

Download form to PC before filling

**Site Details**

Company Name: \_\_\_\_\_ Date: \_\_\_\_\_

Delivery Address: \_\_\_\_\_

Customer Reference/Order Number: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Site Photos Provided: Yes ☐ No ☐ Completed By: \_\_\_\_\_

**Door Frame Bollard Requirement** (See TRU-GARD Safety Bulletin Data Sheet for full specification details)

1) **On the drawing below, enter the height and width of the required bollard.**

(NB: The bollard will be built to the size indicated. Tru-Bilt recommends the bollard width to be 100mm less than the door/track width, and the bollard height to be 50mm less than the door/frame height. Flange protrude 40mm from the door frame).

**Diameter:**

☐ 115mm ☐ 165mm

**Finish:**

☐ Yellow ☐ Galvanised

☐ Yellow over galvanised

Quantity required of this size and specification: \_\_\_\_\_

**Proposal Acceptance**

If you wish to proceed with this proposal/order and agree with TRU-BILT Industries Ltd terms of trade, please complete your order number and sign this enquiry form, then scan and return to TRU-BILT with your signed proposal. Thank you.

Proposal Number: \_\_\_\_\_ Order Number: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Return this form to us to; ☐ Place your order, or ☐ Request a price

Phone: +64 3 488 2060 Email: info@tru-bilt.co.nz Website: www.tru-bilt.co.nz

**tru-door™**

ACCESS INNOVATIONS

**tru-dock™**

LOADING INNOVATIONS

**tru-gard™**

SAFETY INNOVATIONS

**tru-care™**

SERVICE SOLUTIONS



New base design with extra bracing and fixings

Please fill out the Tru-Gard door frame bollard form. Available on the website or call us and we can send you one.

## Did you know?

All Tru-Gard™ Barrier and Bollard Systems are supplied and installed using Powers Blue-tip screw bolts, screw bolts. These have 300% more strength under tension than a wedge anchor!



## Stainless Steel Bollards

Add style to your project using Tru-Gard™ quality stainless steel bollards.



### Standard Stainless Steel Bollard

- 304 grade S/S
- 1100 mm tall
- 3mm thick
- 115 mm ø
- Brushed finish
- 180mm x 180mm x 12mm base plate
- 4 x 16mm x 140mm S/S screw anchors included



CODE **SS115**

### Standard Cast In Stainless Steel Bollard

- 304 grade S/S
- 1630 mm tall
- 3mm thick
- 115 mm ø
- Brushed finish S/S



CODE **SS115C**

### Mini Stainless Steel Bollard



- 304 grade S/S
- 700 mm tall
- 2mm thick
- 75 mm ø
- Brushed finish
- 125mm x 5mm thick base plate
- 4 x 12mm x 100mm S/S screw anchors included



CODE **SS75**

### Large Stainless Steel Bollard

- 304 grade S/S
- 1100 mm tall
- 3mm thick
- 165 mm ø
- Brushed finish
- 240mm x 240mm x 12mm base plate
- 4 x 16mm x 140mm S/S screw anchors included



CODE **SS165**

### Large Cast In Stainless Steel Bollard

- 304 grade S/S
- 1630 mm tall
- 3mm thick
- 165 mm ø
- Brushed finish S/S



CODE **SS165C**

## Plastic Expanding Barrier

- 900mm high x 2200mm wide (when expanded)
- Safety yellow
- Moulded plastic
- Ends can be filled with water or sand



CODE **PEB2200**



## Wheeled Expanding Barrier

- 920mm high x 4100mm wide (when expanded)
- Safety yellow
- Moulded plastic



CODE **WEB4100**

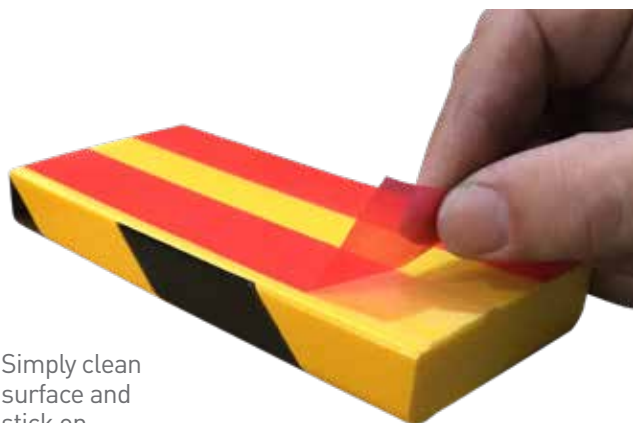


# Head Bump Guards

These bump guards with the distinctive name Knuffi®, provide bump protection for people, machines and fixtures. They absorb hard impact and prevent injury or damage, making staff downtime a thing of the past.

The highly effective black and yellow markings highlight sources of danger at edges, gaps and obstacles, making them easy to recognise and thus reducing accidents.

Knuffi® is resistant to temperatures from -40°C to 100°C and is also resistant to damp, making the guards versatile for use both indoors and outdoors, on machinery, walls, vehicle thoroughfares, shelves, gates and anywhere knocks and injuries are possible.



Simply clean surface and stick on.

## Technical Data

Profile body: Recyclable polyurethane foam, completely free of CFCs.

Surface: Polyurethane foam coloured by reverse printing and fixed in place by foaming so that no paint appears on the outside.

Adhesive: Light-resistant and age-resistant modified acrylic glue.

Adhesion: 21N/25mm.

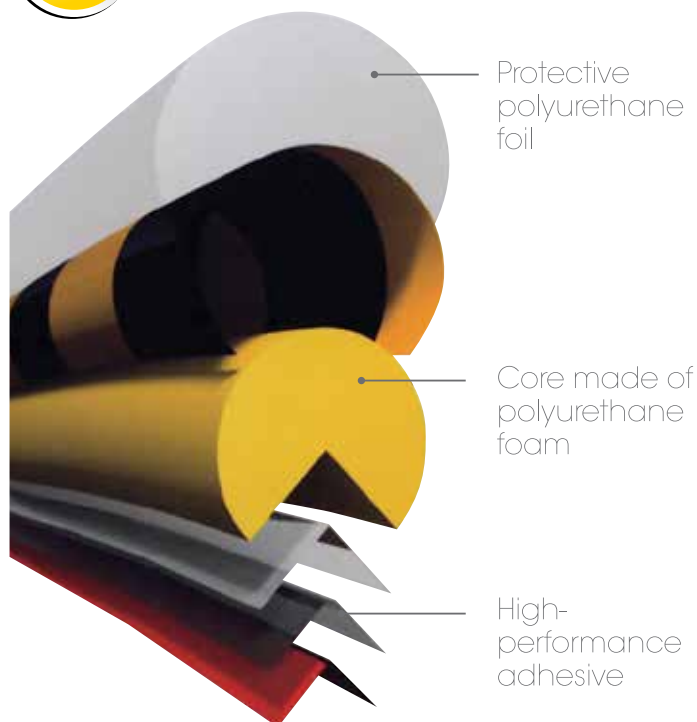
Resistant to temperatures: Between -40°C and 100°C.

Fire classification: B2 according to DIN 4102 and UL 94 HB/10mm.

Colours: Safety yellow and black for visibility.

Standard lengths: 1 metre (5 metre length available by request).

Installation: Simply adhere to clean, grease free surfaces.

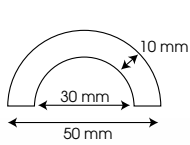




## Small Pipe Protector

- Safety yellow/black
- 1000mm long

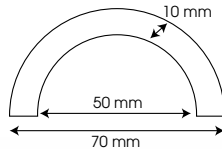
CODE **R30-1000**



## Large Pipe Protector

- Safety yellow/black
- 1000mm long

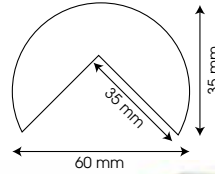
CODE **R50-1000**



## Large Round Corner Protection

- Safety yellow/black
- 1000mm long

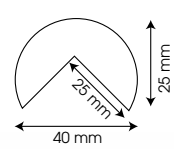
CODE **A+1000**



## Small Round Corner Protection

- Safety yellow/black
- 1000mm long

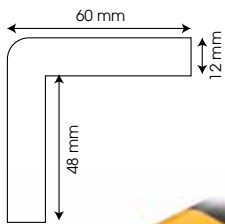
CODE **A1000**



## Large Square Corner Protection

- Safety yellow/black
- 1000mm long

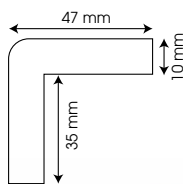
CODE **H+1000**



## Small Square Corner Protection

- Safety yellow/black
- 1000mm long

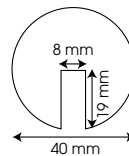
CODE **H1000**



## Edge Protection

- Safety yellow/black
- 1000mm long

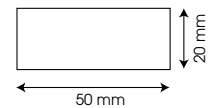
CODE **B1000**



## Flat Surface Protection

- Safety yellow/black
- 1000mm long

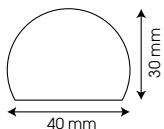
CODE **D1000**



## Round Surface Protection

- Safety yellow/black
- 1000mm long

CODE **C1000**

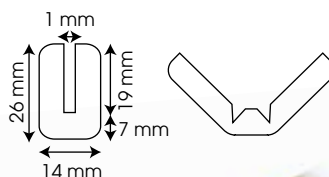


## Thin Edge Multi-Angle Corner Protection

- Safety yellow/black
- 1000mm long

CODE **W1000**

**NEW**

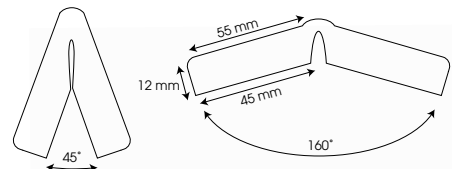


## Large Multi-Angle Corner Protection

- Safety yellow/black
- 1000mm long

CODE **H+F1000**

**NEW**



## Downpipe Protector

**NEW**

- 2 sizes available  
Standard size - 1200mmH x 300mmW x 350mmD  
Large size - 1200mmH x 360mmW x 500mmD
- 3mm mild steel
- Bottom side cut out to prevent rubbish build up
- Safety Yellow over Galv
- 10 x M8 x 75mm screw bolts included

CODE **GDOW350GY** (standard size)

CODE **GDOW500GY** (large size)



## Column Protector

**NEW**  
Coming Mid 2019

- 2 sizes available  
Standard size - to suit columns up to 250mm square  
Large size - to suit columns up to 360mm square
- 1100mmH
- 6mm mild steel
- Safety Yellow finish
- 8 x M10 x 100mm screw bolts included

CODE **GCOL250Y**

CODE **GCOL360Y**



## Pallet Racking Protector Range

**NEW**  
Coming Mid 2019

- Ranges available for upright rack protectors and end of bay rack protectors
- Each range available in 310mmH, 610mmH and 910mmH
- 4mm thick steel uprights with 10mm thick base plates
- Easy-fit modular system for single and double bays
- Heavy duty impact resistant products
- To be used in conjunction with Tru-Gard™ Barrier Components

CODE **GURP310Y**

CODE **GURP610Y**

CODE **GURP910Y**

**(Upright Rack Protectors)**

CODE **GERP310Y**

CODE **GERP610Y**

CODE **GERP910Y**

**(End of Bay Rack Protectors)**

