

VERSION - A1.0



TRU-GARD

SAFETY INNOVATIONS BY **TBI** TRU-BILT INDUSTRIES



Manufacturers of Quality Loading Dock, Door & Safety Products

TRU-BILT is an industry leader in the design, manufacture and supply of Dock Levellers and Seals, Commercial and Industrial Doors and Asset Protection & Safety Innovations. Tru-Bilt is the company behind TRU-GARD. Established in 1993, our office and manufacturing facilities are located in Dunedin, New Zealand and with over 50 years combined experience, the family owned and operated business, offers product solutions across three distinct market segments;



TRU-DOCK | From hydraulic dock levellers and accessories to inflatable dock seals to fully automated loading systems we can design and build solutions to your loading requirements. Products include:

- TRU-LEVEL™ Hydraulic Dock Levellers
- TRU-SEAL™ Inflatable Dock Seals
- TRU-LEVEL™ Dock Protection Bumpers



TRU-DOOR | Specialists in heavy duty hangar doors and sectional doors we offer a range of quality solutions tailored to your specific requirements including;

- TRU-FOLD™ Heavy Duty Bi-Folding Doors
- TRU-SLIDE™ Heavy Duty Multi Leaf Automated Hangar Doors
- TRU-SOUND™ Acoustic Doors
- TRU-SPRINT™ Insulated Rapid Doors
- TRU-GLIDE™ Blast Freezer Doors
- TRU-DRIVE™ Automated Drive Systems
- TRU-STRIP™ PVC Curtains
- TRU-THERM™ Insulated Sectional Doors



TRU-GARD | We have an extensive range of barrier and bollard systems designed specifically to protect your buildings and assets. Our range of safety products is constantly being added to and now includes:

- Barrier System
- Hand Rail System
- Personnel Frames & Gates
- Bollards & Assessoried
- Door Frame Bollards
- Modular Pedestrian Barrier System
- Lead Stands
- Dock Protection
- Knuffi® Impact Bumpers

Whilst based in New Zealand, Tru-Bilt has been doing business in Australia for many years now. We have personnel based at our Dunedin office dedicated to servicing the Australian market that work with you on your specific project from conception to completion, no matter how big or small. Our Australian Sales Manager travels frequently throughout Australia and is only too happy to call on you and discuss your individual requirements.

Now with one centralised point of contact and our newly established warehouse located in Sydney which stocks an ever increasing range of products we can deliver you personalised efficient service and product delivery like never before. Whether you have a project that requires stock items from our Sydney warehouse or you are looking for a tailor made solution that would be designed and constructed at our manufacturing facility in New Zealand, we can offer you the right package delivered to your door anywhere throughout Australia.

For all enquiries, please contact us by calling 1800 144 888 or by e-mailing au.sales@tru-bilt.co.nz or au.info@tru-gard.com

TRU-GARD™

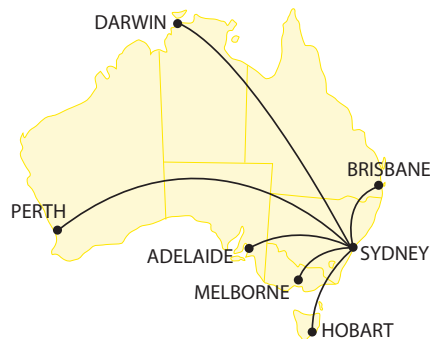
No matter what your trade or industry TRU-GARD™ can offer you a solution to your safety needs.

Call, email or fax us today!



FREIGHT & PACKAGING

We'll send it fast and packaged well. Orders over 25kg will be sent on pallets using Road Express. You will require a forklift at your end to unload. Orders less than 25kg will be sent by Carton Freight or Courier.



Major Lines Of Tru-Gard™
**** Are Now Available Ex Tru-Bilt's Sydney Warehouse**

** Denotes product available ex Tru-Bilt's Sydney Warehouse - subject to availability

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 contained 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.

COPYRIGHT: All product designs are subject to copyright and cannot be copied in whole or in part. Tru-Bilt® is a registered trademark name and Tru-Gard® is a trademark of Tru-Bilt Industries Ltd.

HUGE RANGE

Check out the new products making Australia safe at realistic prices.

FAST & RELIABLE

With major lines being stocked in our Sydney warehouse, we can get most products to you straight away.

MONEY BACK

If the item is not up to scratch, we'll sort it out. If you are not completely satisfied, return the unused item in its original condition within 30 days and we'll give you your money back (excl freight).

EASY PAY

Trade accounts can help you and your cashflow. Refer www.tru-bilt.co.nz/application-for-credit and apply today!

Product Index

Barrier System	4
Barriers & Supports.....	5
Barrier End Caps & Fixings.....	5
Barrier Fixings	5
Barrier Touch Up Spray.....	5
Multi Corner.....	6
Personnel Gate	6
Personnel Frame	6
Light Rail System.....	7
Barrier Hand Rail System.....	7
Round Bolt Down Bollards	8
Bollard Ground Mounts.....	8
Round Cast In Bollards	8
Square Bolt Down Bollards.....	9
Bollard Caps.....	9
Round Removable Bollard	9
Door Frame Bollards.....	10
Dock Protectors	10
Modular Pedestrian Barrier System.....	11
Lead Stand.....	11
Warning and Protective Bump Guards..	12

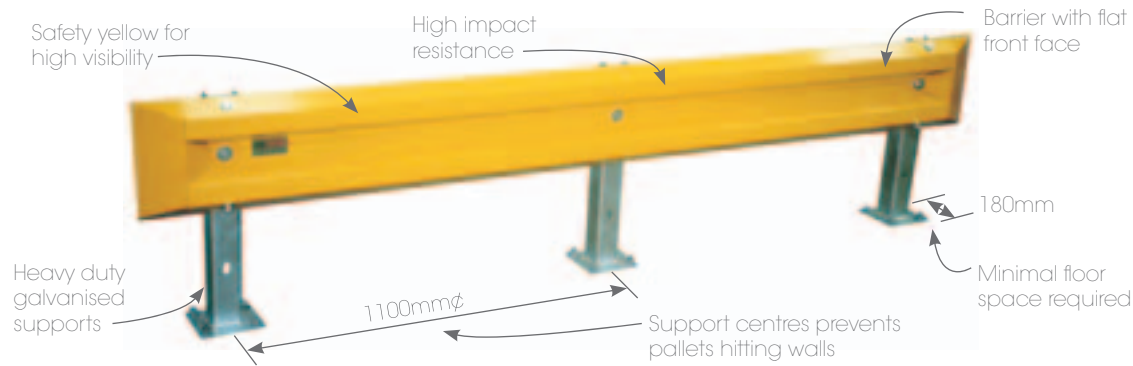
YELLOW vs GALV

We recommend using galvanised products outside for longer life. Galvanised products can be powder coated safety yellow to make them 'STAND OUT'. We also suggest using powder coated safety yellow products for internal use as they act as not only a physical barrier but also as a visual barrier!

Tru-Gard™ Barrier

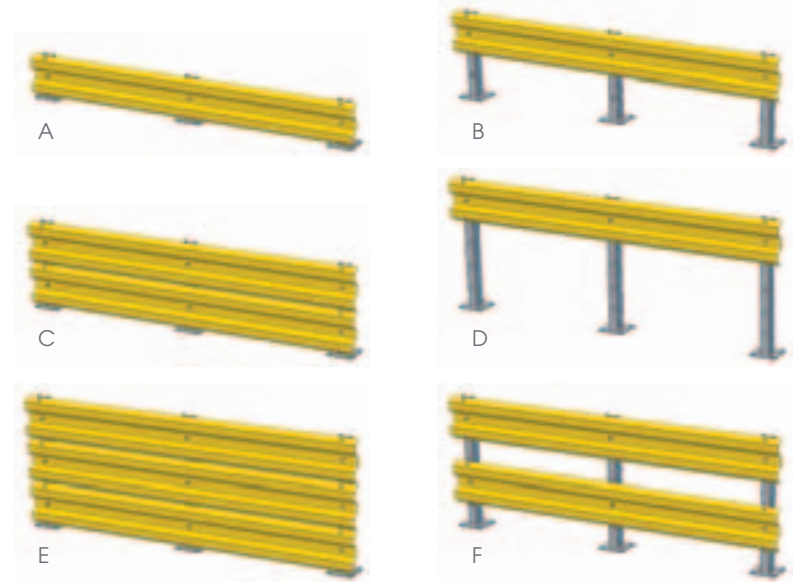
Tru-Gard™ Barrier is a certified barrier system that offers exceptional protection against impact damage to your buildings and assets. Initially designed for protecting coolstore panel walls, which are often vulnerable to fork truck damage where repairs costing thousands of dollars are not uncommon, the installation of Tru-Gard™ Barrier has proven to be a cost effective preventative solution by many coolstores and food processing factories throughout Australia and New Zealand.

Nowadays the Tru-Gard™ Barrier System is utilised in many situations across an array of industries where preventative impact protection to buildings and assets can be a huge cost saving and an ongoing asset in itself when compared with the expense of impact damage repairs. From car parks to transport depots to warehouse facilities, Tru-Gard barrier is proving that it's worth its weight in gold.



The complete system, when installed to the manufacturer's specifications is certified to stop a total mass of 4 metric tonnes moving at a speed of 3.5km/hr, at 90° to the barrier. The extensive range of components available makes this an ideal option in many situations where protection is required. The barrier rail itself is made ex Zincalume coated 2mm thick mild steel and has a high quality "safety yellow" powder coated finish, which acts as a visible obstruction as well as a physical obstacle.

Layout Options



Configurations

- A = 310mm High 1 Barrier Rail
- B = 610mm high, 1 Barrier Rail
- C = 610mm High, 2 Barrier Rail
- D = 910mm high, 1 Barrier Rail
- E = 910mm high, 3 Barrier Rail
- F = 910mm high, 2 Barrier Rail

If you require pricing on a particular project just send us a dimensioned floor plan, marked-up showing where you would like the Tru-Gard™ Barrier System, the configuration you require, we'll calculate the components you need "bolts n all" and send you a quote on a delivered basis anywhere in Australia.



Barrier

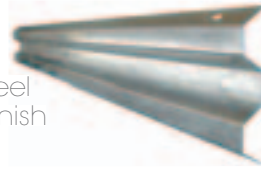


- Safety yellow finish
- 2400mm L x 295mm W
- 2mm thick mild steel
- Zinc coated base coat
- Recommended for Internal use only

CODE **BR240Y**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Barrier



- 2mm thick steel
- Galvanised finish
- 2400mm L x 295mm W

CODE **BR240G**

Available ex Tru-Bilt New Zealand only

End Cap



- Safety yellow finish
- Zinc plated base
- Adds 110mm to barrier length
- 3mm thick
- Recommended for Internal use only

CODE **BE295Y**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

End Cap



- Galvanised finish
- Adds 110mm to barrier length
- 3mm thick

CODE **BE295G**

Available ex Tru-Bilt New Zealand only

Single Support

- Galvanised 310mm H
- 6mm thick bottom plate
- 180mm x 180mm base



CODE **BS310**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Single Support End Post

- Galvanised 310mm H
- Use on the ends of each run
- 6mm thick bottom plate
- 180mm x 180mm base



CODE **BS310 - E**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

External Corner

- Safety yellow finish
- 90°
- 3mm thick
- Recommended for Internal use only



CODE **BC090Y**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

External Corner

- Galvanised finish
- 90°
- 3mm thick



CODE **BC090G**

Available ex Tru-Bilt New Zealand only

Double Support

- Galvanised 610mm H
- 6mm thick bottom plate
- 180mm x 180mm base



CODE **BS610**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Double Support End Post

- Galvanised 610mm H
- Use on the ends of each run
- 6mm thick bottom plate
- 180mm x 180mm base



CODE **BS610 - E**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Barrier Bolt

- M16 x 35mm

CODE **M16PB**



Available ex Sydney Warehouse** & Tru-Bilt New Zealand

End Post Bolt

- M16 x 100/120mm

CODE **M16EPB**



Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Triple Support

- Galvanised 910mm H
- 6mm thick bottom plate
- 180mm x 180mm base



CODE **BS910**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Triple Support End Post

- Galvanised 910mm H
- Use on the ends of each run
- 6mm thick bottom plate
- 180mm x 180mm base



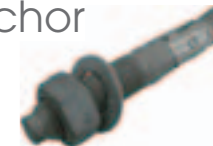
CODE **BS910 - E**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Wedge Anchor

- Galvanised
- M16 x 100mm

CODE **M16x100WA**



Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Spray Can

- Safety yellow touch up paint

CODE **SC-Y**

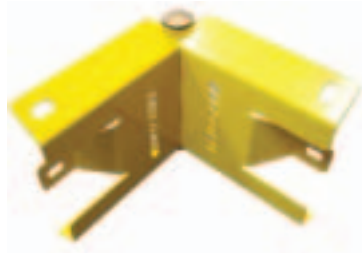


Available ex Sydney Warehouse** & Tru-Bilt New Zealand

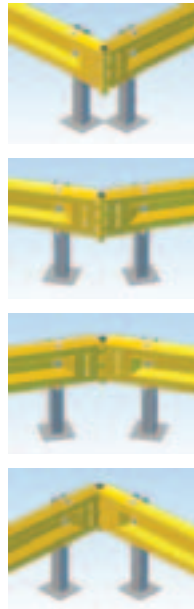
Multi Corner

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

- Heavy duty hinge
- 3mm thick



- Galvanised finish



CODE **MC180Y**

CODE **MC180G**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Available ex Tru-Bilt New Zealand only

Personnel Gate

Stop foot traffic from walking into the path of forklifts.

- 900mm high x 900mm wide
- Safety yellow finish
- Auto close
- Recommended for Internal use only

Includes

- Mounting bollard
- Gate
- Stop
- Fixing bolts/screws

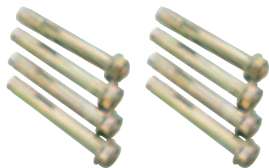
CODE **PG900Y**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand



Personnel Frame

- Safety yellow finish
- 950mm H x 2400mm L
- 8 x M10 x 77mm sleeve anchors included
- Recommended for Internal use only



CODE **PF240Y**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand



Light Rail System



This is a strong cost effective barrier system that is excellent for separating personnel from low impact traffic.



- Bollards at 1635mm ϕ
- 1000mm high

Barrier Hand Rail System

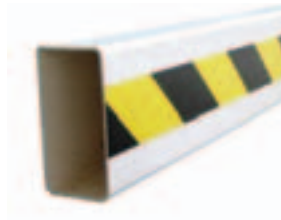
- A modular system to fit on top of the barrier rails
- Strong with no sharp edges and stops staff jumping the rails!
- 900mm high



For bollard details, see page 8

PVC Rail

- 1500mm long
- Non rusting rigid PVC rail
- 50mm x 100mm



CODE **LR1500**

Available ex Tru-Bilt New Zealand only

Vertical Post

- 48 mm ϕ
- Safety yellow finish
- To suit 610mm high barrier



CODE **BHR600**

Available ex Tru-Bilt New Zealand only

Horizontal

- 48 mm ϕ
- Safety yellow finish
- 2200mm long



CODE **BHR2200**

Available ex Tru-Bilt New Zealand only

Rail Bracket

- Safety yellow finish
- Tek screw to bollard
- Includes two tek screws
- Recommended for internal use only



CODE **LRBR**

Available ex Tru-Bilt New Zealand only

90° Clamp

- Safety yellow finish
- Stainless steel grub screws included



CODE **BHR90**

Available ex Tru-Bilt New Zealand only

Tee Clamp

- Safety yellow finish
- Stainless steel grub screws included



CODE **BHRTC**

Available ex Tru-Bilt New Zealand only

Three Way Clamp

- Safety yellow finish
- Stainless steel grub screws included



CODE **BHR3W**

Available ex Tru-Bilt New Zealand only

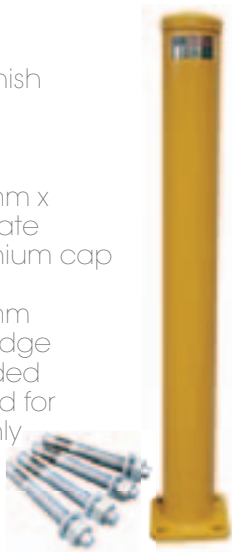
Tru-Gard™ Bollards

Standard Yellow Bollard

- Safety yellow finish
- 1100mm tall
- 115mm ø
- 3.5mm wall
- 180mm x 180mm x 12mm base plate
- Domed aluminium cap
- 15.5kg
- 4 x M16 x 140mm galvanised wedge anchors included
- Recommended for Internal use only

CODE **SB115Y**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

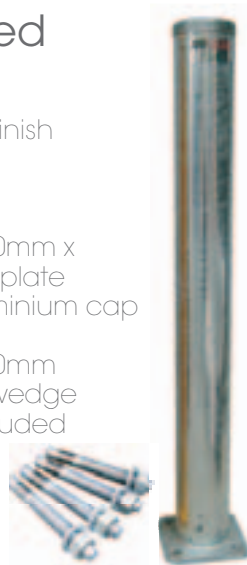


Standard Galvanised Bollard

- Galvanised finish
- 1100mm tall
- 115mm ø
- 3.5mm wall
- 180mm x 180mm x 12mm base plate
- Domed aluminium cap
- 15.5kg
- 4 x M16 x 140mm galvanised wedge anchors included

CODE **SB115G**

Available ex Tru-Bilt New Zealand only

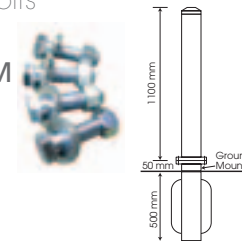


Small Ground Mount

- Set into concrete for the ultimate bollard base
- Galvanised
- 550mm tall
- 115mm ø
- 4 x M16 x 140mm galvanised bolts included

CODE **SB115-GM**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand



Standard Cast In Bollard

- Galvanised finish
- 1630mm long
- 3.5mm wall
- Domed aluminium cap
- 115mm ø
- Can be painted after installation
- Cap can be removed so concrete can be poured into bollard

CODE **CB115G**

Available ex Tru-Bilt New Zealand only



Large Yellow Bollard

- Safety yellow finish
- 1100mm tall
- 115mm ø
- 3.5mm wall
- Domed aluminium cap
- 240mm x 240mm x 12mm base plate
- 24.0kg
- 4 x M16 x 140mm galvanised wedge anchors included
- Recommended for Internal use only

CODE **LB165Y**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand



Large Galvanised Bollard

- Galvanised finish
- 1100mm tall
- 165mm ø
- 3.5mm wall
- Domed aluminium cap
- 240mm x 240mm x 12mm base plate
- 24.0kg
- 4 x M16 x 140mm galvanised wedge anchors included

CODE **LB165G**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

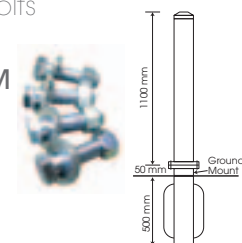


Large Ground Mount

- Set into concrete for the ultimate bollard base
- Galvanised
- 550mm tall
- 165mm ø
- 4 x M16 x 140mm galvanised bolts included

CODE **LB165-GM**

Available ex Tru-Bilt New Zealand only



Large Cast In Bollard

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

CODE **CB165G**

Available ex Tru-Bilt New Zealand only



Standard Square Bollard



- Galvanised finish
- 100mm x 100mm x 4mm square
- Peaked cap
- 180mm x 180mm x 12mm base plate
- 1100mm tall
- 4 x M16 x 140mm galvanised wedge anchors included



CODE **SQ100G**



Available ex Tru-Bilt New Zealand only

Bollard Caps



- Cast aluminium
- Fits 115mm \varnothing pipe

CODE **SC115**

Available ex Tru-Bilt New Zealand only



- Cast aluminium
- Fits 165mm \varnothing pipe

CODE **LC165**

Available ex Tru-Bilt New Zealand only

Heavy Duty Removable Bollard

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

CODE **RB115G**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand



Ball Top Square Bollard



- Galvanised finish
- 100mm x 100mm x 4mm square
- Ball Top cap
- 180mm x 180mm x 12mm base plate
- 1100mm tall
- 4 x M16 x 140mm galvanised wedge anchors included



CODE **SQB100G**



Available ex Tru-Bilt New Zealand only



- Zinc Plated
- Fits 100 x 100 x SHS

CODE **SC100**

Available ex Tru-Bilt New Zealand only



- Zinc Plated
- Fits 100 x 100 x SHS

CODE **BTC100**

Available ex Tru-Bilt New Zealand only



Door Frame Bollards

Protect expensive doors and buildings from forklift impact.

When measuring for door frame bollards use inside dimensions for the finished bollard.

- **Safety Yellow finish**
- Recommended for Internal use only
- 8 x M16 x 60 bolts included
- 8 x M16 x 140WA included

115mm ø CODE **DF115Y**

Available ex Tru-Bilt New Zealand only

- **Galvanised finish**
- 8 x M16 x 60 bolts included
- 8 x M16 x 140WA included

115mm ø CODE **DF115G**

Available ex Tru-Bilt New Zealand only

155mm ø CODE **DF165Y**

Available ex Tru-Bilt New Zealand only

165mm ø CODE **DF165G**

Available ex Tru-Bilt New Zealand only



*Shown with optional supports

Dock Protectors

Steel Faced

- Extra heavy duty
- Steel faced with rubber insert
- Base size - 300mm H x 340mm W x 105mm D
- Face - 275mm W x 300mm H



CODE **DB10**

Available ex Tru-Bilt New Zealand only

Small Laminated

- Heavy duty laminated rubber slats
- Base size - 250mm H x 355mm W x 115mm D
- Face - 215mm W x 250mm H
- Fixing holes both sides



CODE **DB11**

Available ex Tru-Bilt New Zealand only

Large Laminated

- Heavy duty laminated rubber slats
- Base size - 250mm H x 655mm W x 115mm D
- Face - 515mm W x 250mm H
- Fixing holes both sides



CODE **DB12**

Available ex Tru-Bilt New Zealand only

Moulded Rubber

- Light duty rubber bumper
- 330mm H x 300mm W x 100mm D
- Four recessed fixing holes



CODE **DB13**

Available ex Tru-Bilt New Zealand only

Modular Pedestrian Barrier System

BRANDING PANEL

NOTE: PANEL IS SILVER ZINC PLATED. NOT ORANGE AS SHOWN



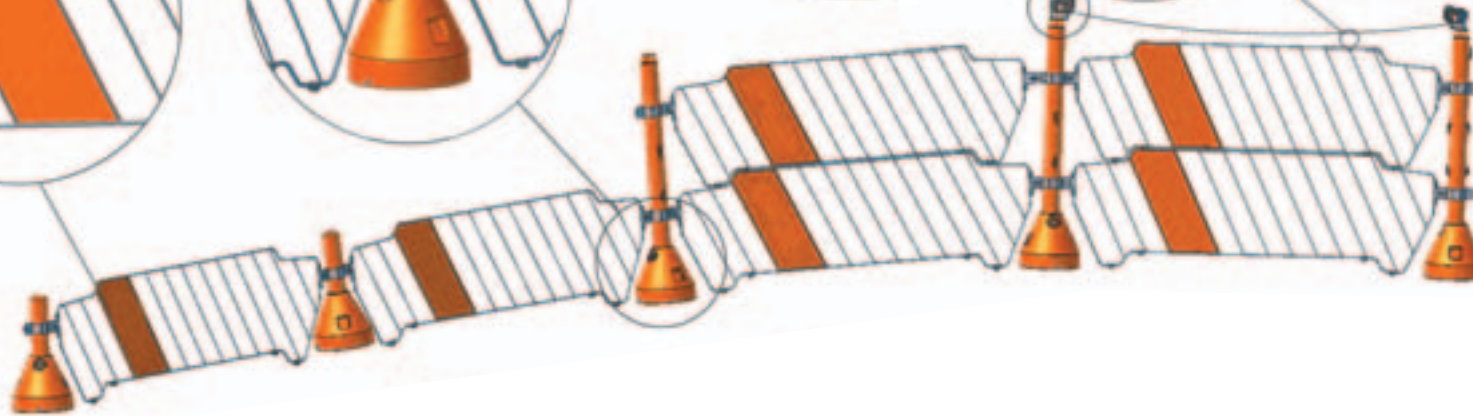
DIFFERENT CONFIGURATIONS



LIGHT



ELECTIC LEAD



0-357° RANGE



STORAGE

(Available for storage/transport)



UNEVEN GROUND

Lead Stand

- Holds 45 litres of water/sand
- 2240mm high & 500mm ø
- 5 x hooks for mesh
- Recessed lifting handles
- Roto-molded plastic
- Bottom drain plug



CODE **LS2240 - O**

Available ex Tru-Bilt New Zealand only

Base

- Holds 45 litres of water/sand
- 600mm high & 500mm ø
- Recessed lifting handles
- Roto-molded plastic



CODE **LSB600-O**

Available ex Tru-Bilt New Zealand only

Std Pole

- 2070mm high
- 5 x hooks for mesh
- Nut inserts on top for holding lights
- 4 pins on top for holding power cords
- Roto-molded plastic

CODE **LS2070-O**

Available ex Tru-Bilt New Zealand only

Short Pole

- 1100mm high
- Roto-molded plastic



CODE **LS1100-O**

Available ex Tru-Bilt New Zealand only

Fence

- 1115mm high
- Steel construction with galvanised finish
- Sign insert plate to take branding



CODE **LS3600**

Available ex Tru-Bilt New Zealand only

Warning and Protective Bump Guards

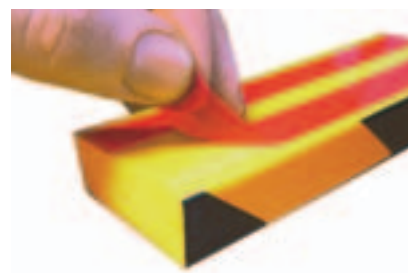
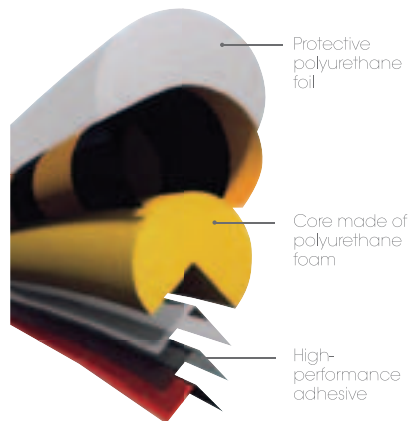
Knuffi®

The warning and protective bumper guards with the distinctive name **Knuffi®** act as a personal crumple zone for people, machines and fixtures, absorb hard impacts and therefore preventing injury or damage.

This can mean that staff absences or downtimes due to repairs or injury are a thing of the past.

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

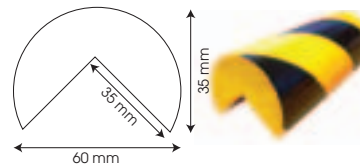
Knuffi® is resistant to temperatures from -40°C TO 100°C and are also resistant to damp, making them versatile for use both indoors and outdoors, e.g. on transport routes within a company's premises, on machinery, on walls and thoroughfares, shelves, gates and much more.



Simply clean surface and stick on.

Large Round Corner Protection

- Safety yellow/black
- 1000mm long

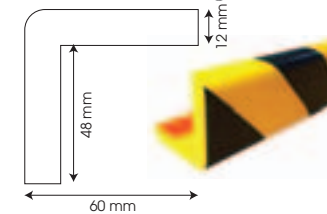


CODE **A+1000**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Large Square Corner Protection

- Safety yellow/black
- 1000mm long

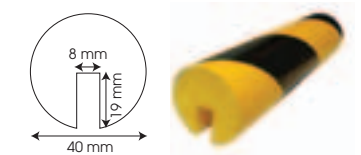


CODE **H+1000**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Edge Protection

- Safety yellow/black
- 1000mm long

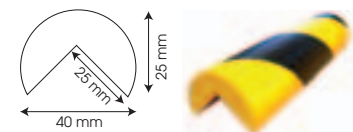


CODE **B1000**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Small Round Corner Protection

- Safety yellow/black
- 1000mm long

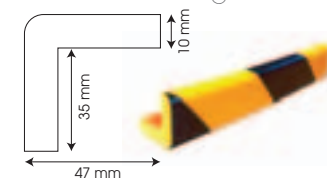


CODE **A1000**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Small Square Corner Protection

- Safety yellow/black
- 1000mm long

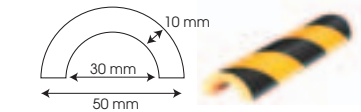


CODE **H1000**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Large Piping Protection

- Safety yellow/black
- 1000mm long

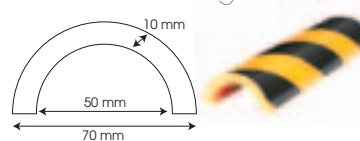


CODE **R30**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Small Piping Protection

- Safety yellow/black
- 1000mm long



CODE **R50**

Available ex Sydney Warehouse** & Tru-Bilt New Zealand

Technical Data

Profile body: Recyclable polyurethane foam, completely free of CFC's.

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

Adhesive: All types except B and BB are affixed using light and ageing-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: Bright yellow and black hatching as per BGV Z 8, red and white hatching as per BCV A 8, black, white, fluorescent hatching, phosphorescent (glow in the dark) hatching.

Standard lengths: 1m, 5m (in polybags) and up to 50m (in cardboard)

Installation: Simply adhere to clean, grease free surfaces.