

Knuffi®

Warning and Protective Bumper Guards

WARNING AND PROTECTIVE BUMPER GUARDS

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 thus prevent injury or damage.

This can mean that staff absences or downtimes due to repairs 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 temperature from - 40 °C to 100 °C and are also resistant to damp, make 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.

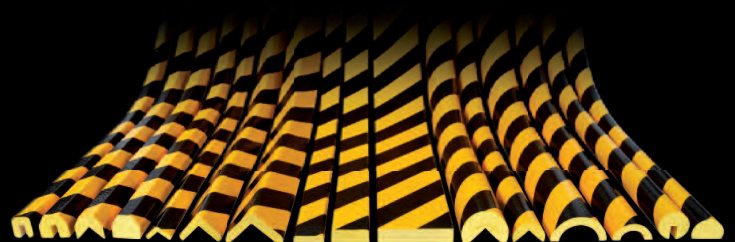
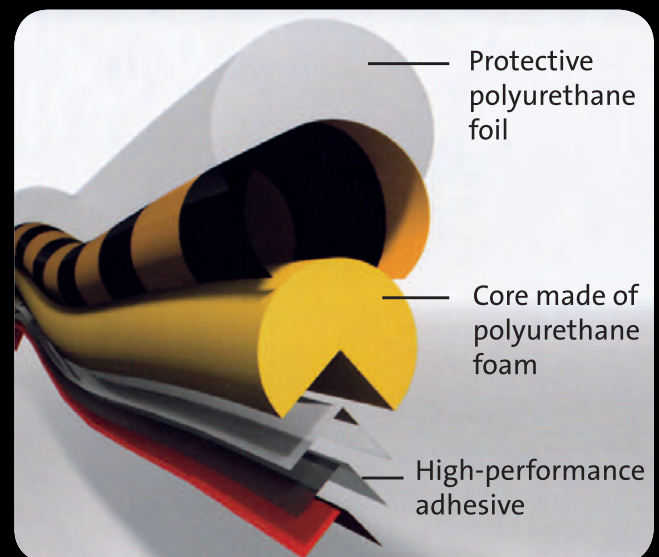
SPECIAL MANUFACTURING TECHNIQUE

The special, patent manufacturing technique makes the warning and protective bumper guards particularly flexible so that they absorb the forces of impact and also allow for easy attachment to curved objects. Another advantage is that the surfaces of the profiles are protected against losing their colour due to abrasion even under rough conditions.

The secret is in the design of the profile body: In the middle of the profile is a core made of polyurethane foam. This is sheathed in polyurethane foil, which is fixed in place by foaming during production.

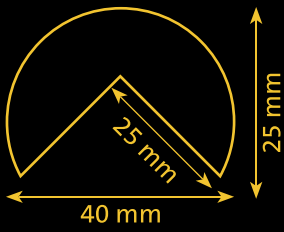
The key is in the application of the colours. By using so-called reverse printing on the inward-facing side of the foil, the foil itself protects the paint so that the warning colours remain in place even if heavy abrasion takes place.

A light- and ageing-resistant, high-performance adhesive is applied to the inside or the back of the profiles.



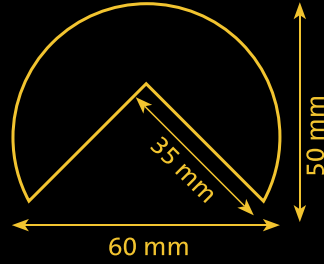
PROFILES

Corner protection type A



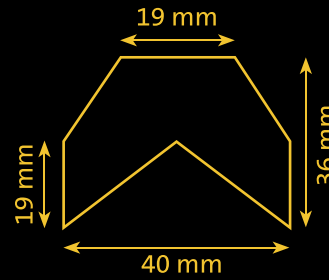
Corner protection A:
25 mm
Code S10010-1metre
Code S10020-5metre
Code S10040-50metre

Corner protection type A+



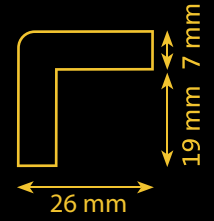
Corner protection A+:
35 mm
Code S11010-1metre
Code S14020-5metre

Corner protection type AA



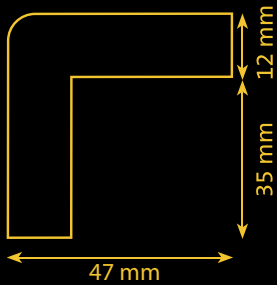
Corner protection AA:
40x36 mm
Code S14010-1metre
Code S14020-5metre
Code S14040-50metre

Corner protection type E



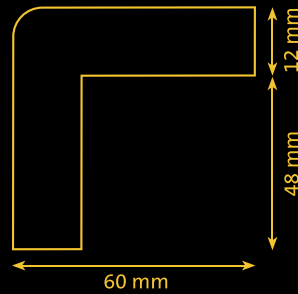
Corner protection E:
19 mm
Code S10014-1metre
Code S10024-5metre
Code S10044-50metre

Corner protection type H



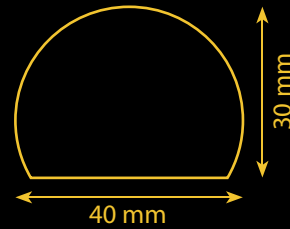
Corner protection H:
35 mm
Code S10017-1metre
Code S10027-5metre
Code S10047-50metre

Corner protection type H+



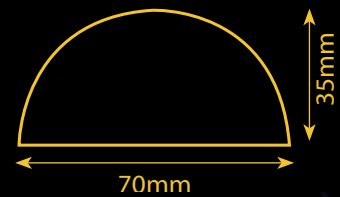
Corner protection H+:
48 mm
Code S11017-1metre

Surface protection type C



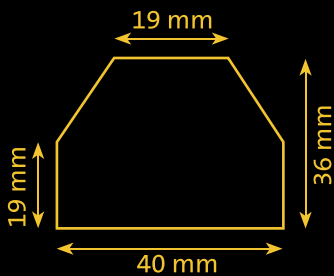
Surface protection C:
40x30 mm
Code S10012-1metre

Surface protection type C+



Surface protection C+:
70x35 mm
Code S11012-1metre

Surface protection type CC



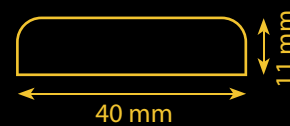
Surface protection CC:
40x36 mm
Code S14012-1metre
Code S14022-5metre
Code S14042-50metre

Surface protection type D



Surface protection D:
50x20 mm
Code S10013-1metre
Code S10023-5metre
Code S10043-50metre

Surface protection type F



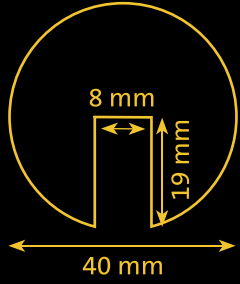
Surface protection F:
40x11 mm
Code S10015-1metre
Code S10025-5metre
Code S10045-50metre

Surface protection type S



Surface protection S:
75x20 mm
Code S10009-1metre

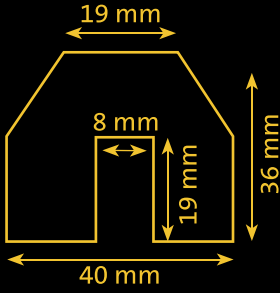
Edge protection type B



Edge protection B:
40 mm

Code S10011-1metre
Code S10021-5metre
Code S10041-50metre

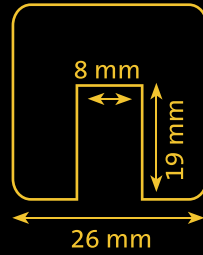
Edge protection type BB



Edge protection BB:
40x36 mm

Code S14011-1metre
Code S14021-5metre
Code S14041-50metre

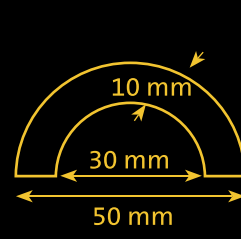
Edge protection type G



Edge protection G:
26 mm

Code S10016-1metre
Code S10026-5metre
Code S10046-50metre

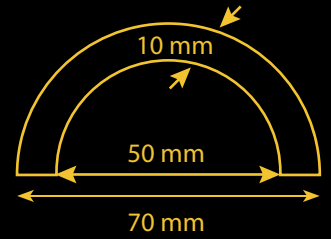
Piping protection type R30



Piping protection R30:
30 mm inside radius

Code S10018-1metre
Code S10028-5metre
Code S10048-50metre

Piping protection type R50



Piping protection R50:
50 mm inside radius

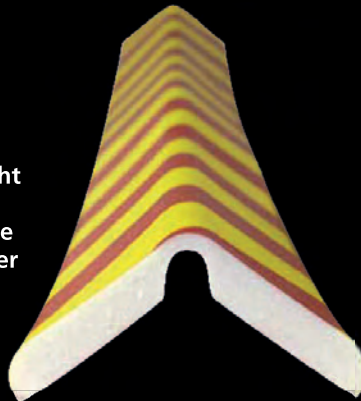
Code S10019-1metre

FLEX

Knuffi® Flex: in case it is not right.

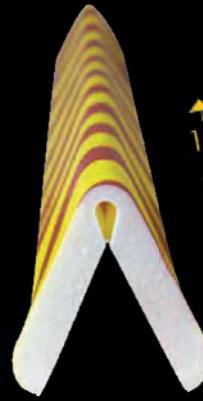
Whether in warehouses, car parks or production halls, Knuffi Flex is the right product for securing not right angled edges and protecting man and machine against damages. The innovative corner protection guard is highly flexible and adapts itself to angular sizes between 45° and 160°. As a result it can be attached to particularly flat as well as sharp edges. Knuffi Flex is made of our tried and tested polyurethane foam that absorbs even the heaviest of impacts due to its elasticity. That way employees, buildings and inventory are protected reliably.

Code S4000-1metre black/yellow
Code S4001-1metre neon/red

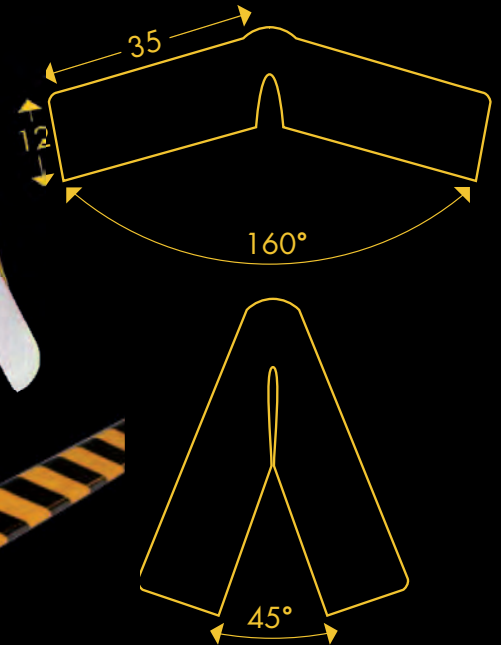


Available
Colours

Red-neon



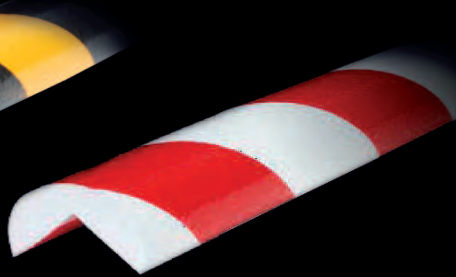
Black-yellow



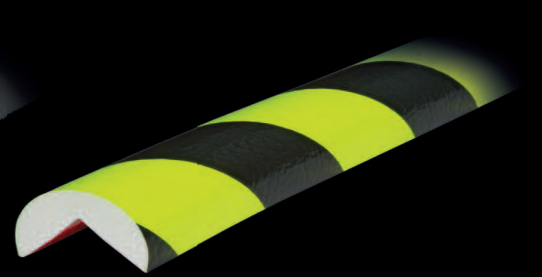
COLOURS



Black and yellow



Red and white
To special order only



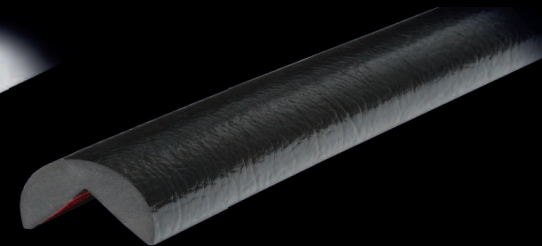
Fluorescent (in daylight)
To special order only



Phosphorescent (glow in the dark)
To special order only



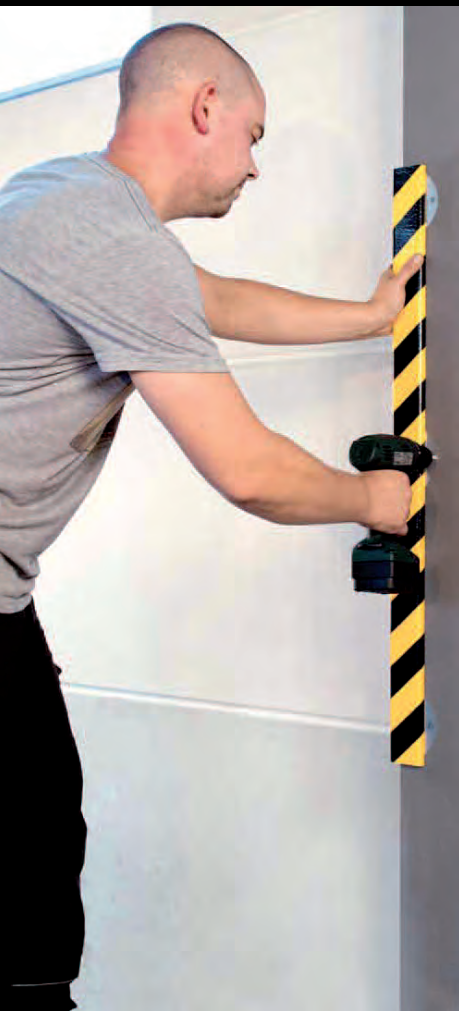
White
To special order only



Black
To special order only

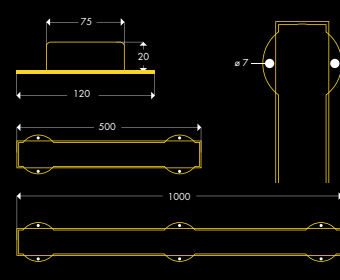
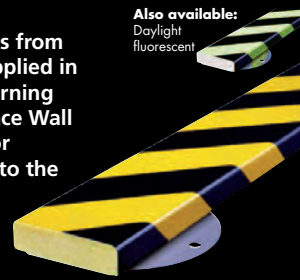
WALL PROTECTION KITS

Protect your employees and your assets with a fast and secure system that needs no major fitting work. Whether your potential danger spots are in the warehouse, the production hall or on access routes, the guards provided in the Wall Protection Kit have a stainless steel backing which can be attached to different types of surfaces and can therefore be used in a variety of applications. At the same time, the flexible polyurethane foam has an elasticity that absorbs even heavy impacts and its hazard markings flag up sources of danger from sharp edges, where surfaces jut out and obstructions are present.



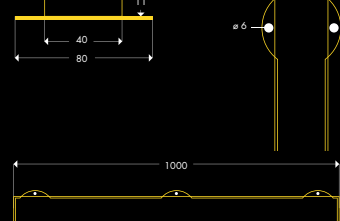
S
Protects wall surfaces, doors and passages from damage internally and externally and supplied in a width of 75 mm is a highly effective warning and safety measure. This makes the Surface Wall Protection S guard particularly suitable for protecting large surface areas, e.g. fitted to the walls of garages, loading areas and warehouses.

Code S18718-500mm
Code S15718-1metre



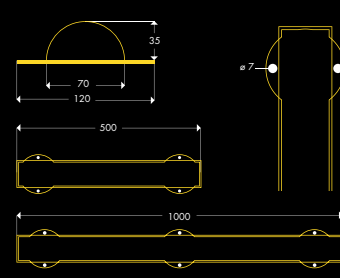
F
The flat design of Surface Wall Protection guards provides for optimum protection in confined areas and where wall surfaces jut out and minor obstructions are present. The striking black and yellow pattern means that danger spots are quickly recognised.

Code S15715-1metre



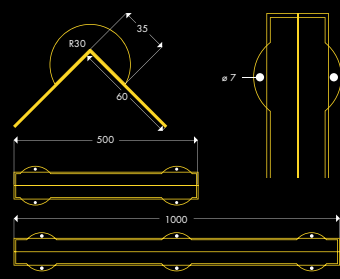
C+
Protects walls, machines and assets and prevents impact injuries. The highly flexible material with its rounded design absorbs the heaviest of impacts, is resistant to ageing and has an impressive abrasion-proof surface.

Code S18713-500mm
Code S15713-1metre



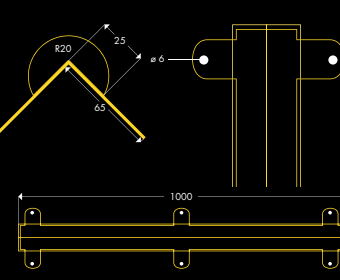
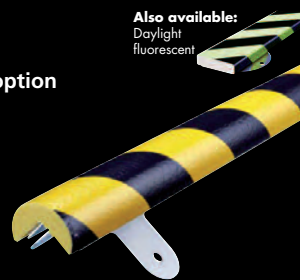
A+
With this rounded corner protection guard, sharp right-angled corners are quickly and easily protected against damage and wear and tear, e.g. in low passages and on machine frames and racking shelves. It also flags up danger spots and prevents impact injuries.

Code S18712-500mm
Code S15712-1metre



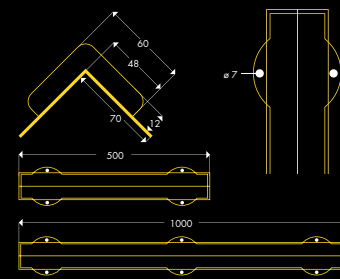
A
With a radius of just 20 mm, this corner protection guard is a great space-saving option and is particularly suitable for confined underground garages and passages. It has extra long lugs for securing it to the wall to keep the rawplugs clear of each other during fitting.

Code S15716-1metre



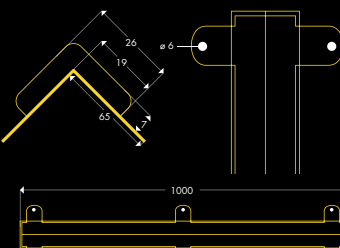
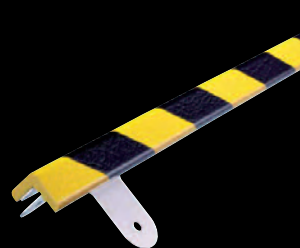
H+
This corner protection guard provides the optimum solution for your underground garage or parking space – particularly in the red/white reflective colour option. For example, when used to protect the edging on work surfaces, it also reduces the risk of injury on sharp edges. The flat design of the highly resistant polyurethane foam guards will make your working procedures safer.

Code S18717-500mm
Code S15717-1metre



E
It takes up so little space and yet provides so much safety. With a profile height of just 7 mm, this corner protection guard can even be used in areas where space is restricted. It has extra long lugs for securing it to the wall to keep the rawplugs clear of each other during fitting.

Code S15714-1metre



PROTECTIVE CORNERS

These two & three dimension corner protectors are made from recyclable polyurethane foam, resistant to temperatures between -40°C and +100°C. These corners are supplied with the same high performance, double sided adhesive as is the whole Knuffi range. Standard colour is black with white available to special order.

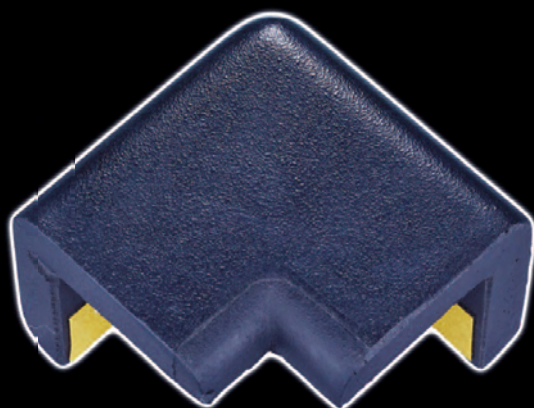
Two Dimensional Protective Corners



A (2D) two dimensional
Code S10810



E (2D) two dimensional
Code S10812



H (2D) two dimensional
Code S10814

Three Dimensional Protective Corners



A (3D) three dimensional
Code S10811



E (3D) three dimensional
Code S10813



H (3D) three dimensional
Code S10815

BEWARE!

There are other lesser quality products in the marketplace manufactured from EVA instead of PUR (Polyurethane Foam). EVA products are light weight, cannot absorb impacts without losing shape & are not dimensionally stable. To support our product KNUFFI products have a functional guarantee of 5 years.

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:

All types except B and BB are affixed using light- and ageing-resistant modified acrylic glue

Adhesion:

21 N/25 mm

Resistant to temperatures

between -40 °C and 100 °C

Fire classification:

B2 according to DIN 4102 and UL 94 HB/10 mm

Colours:

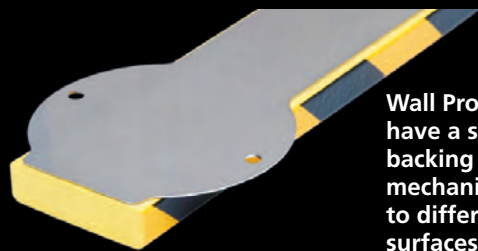
bright yellow and black hatching as per BGV A 8, red and white hatching as per BGV A 8, black, white, fluorescent hatching, phosphorescent (glow in the dark) hatching

Standard lengths:

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

Installation:

Simply adhere to clean, grease-free surfaces



Wall Protection Kits have a stainless steel backing which can be mechanically attached to different types of surfaces.

MATERIALS
Handling *Working with ease...*
PTY LTD

Our website: www.materialshandling.com.au
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Email us: sales@materialshandling.com.au
Australia Wide Service