

Section 4

Corner Guards

Information on a wide range of corner protection solutions including PVC-u, stainless steel, rubber, aluminium and reflective corner guards.

Corner Guards

Corners are one of the most vulnerable parts of a building and when left exposed are often damaged from everyday wheeled and pedestrian traffic. Corner guards are ideal for reducing maintenance costs and maintaining interior appearances and can be combined with other Gradus protection products to provide a complete solution.

Gradus corner guards are available in a variety of material types, styles and heights to suit all building requirements.

PVC-u Corner Guards



High Impact PVC-u

- Aluminium retainer provides reinforced defence against high impact damage from wheeled traffic combined with a shock absorbent PVC cover which can be easily replaced if damaged

Standard PVC-u

- Cost effective solution for protecting corners from damage caused by pedestrian and wheeled traffic

Clear PVC-u

- Clear PVC-u allows any decorative surface finishes to clearly show through without interruption, providing an ideal solution in areas where less obtrusive protection is required

Metal Corner Guards



Stainless Steel

- Durable and hygienic protection solutions for clinical areas or to enhance aesthetics

Aluminium Chequer Plate

- Robust material to withstand damage from wheeled traffic

Rubber Corner Guards



Rubber

- Designed to deflect impact, protecting both wheeled traffic and building interiors against impact damage

Reflective

- Highly visible to alert vehicle users and protect both vehicles and buildings from impact damage

Consideration when selecting Corner Guards

Height

Whilst most corner damage will occur at lower levels, there are some exceptions. It is important to consider the following factors before specifying the height of the product:

- Type and size of traffic that could cause damage
- How the product will coordinate with other wall protection products e.g. handrails, wall guards and wall cladding
- Highlighting hazards – corner guards used to highlight columns, ducts or similar elements that project into circulation areas should be full height (refer to Approved Document M on page 76)

Wing Size

Selecting the appropriate wing size will vary depending on the type of environment, however, it is generally recommended that the maximum wing size should be specified for the following reasons:

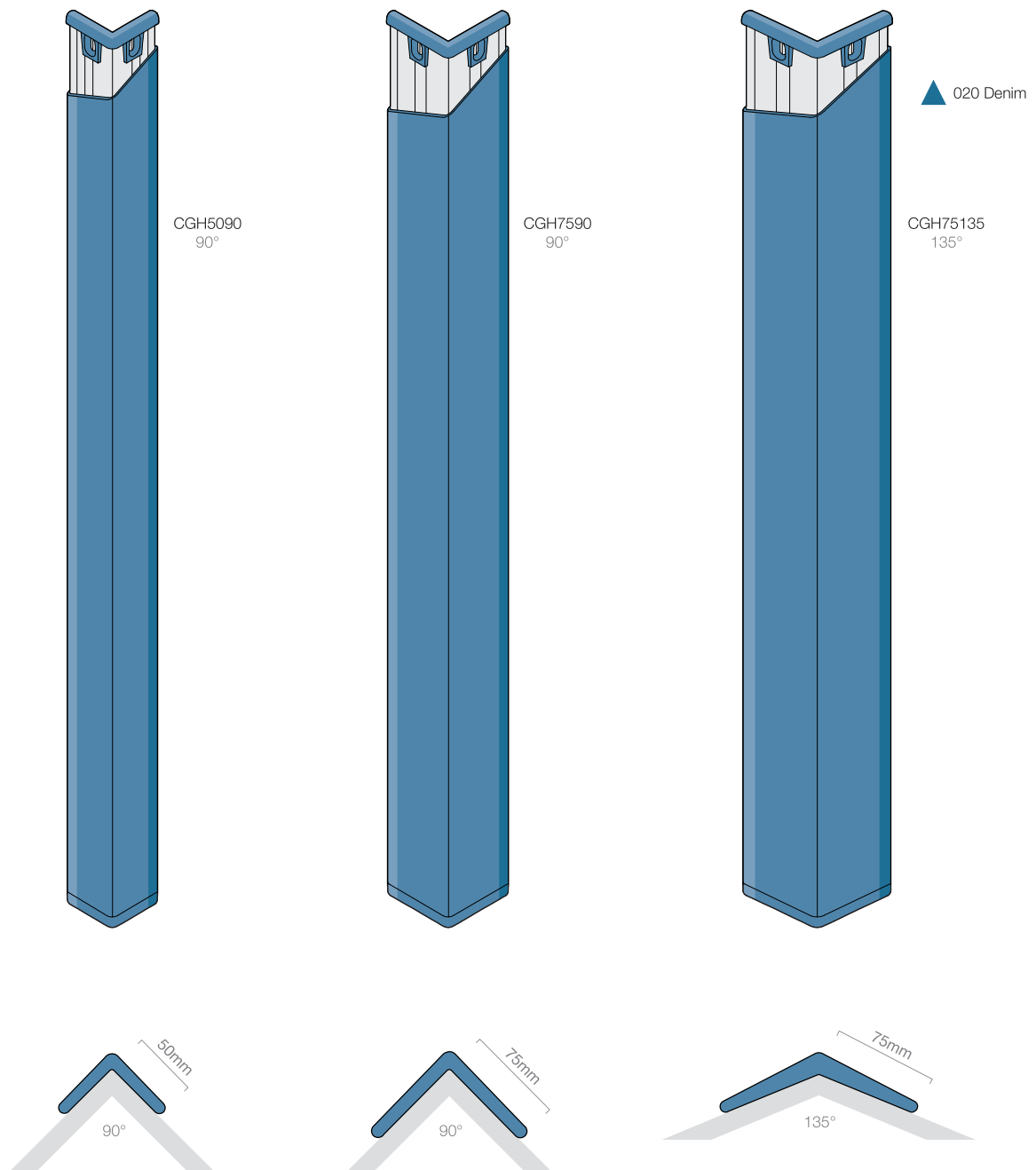
- Larger wing sizes cover more of the substrate and therefore offer a higher degree of protection
- When installing corner guards, larger wing sizes offer a greater surface area for adhesive and enables mechanical fixings to be applied further away from the apex of the corner

Colour

Corner guards can be selected in a colour to either visually contrast with surrounding wall surfaces or to blend in with the decor.

- Blend – Provide protection without compromising on the interior design of the building – Installing at full height helps to further blend the product in with the design
- Contrast – Specifying in a contrasting colour to the substrate alerts building users to avoid potential Impact - NB They should be installed at a minimum height of eye level to work effectively at alerting building users

High Impact PVC-u Corner Guards



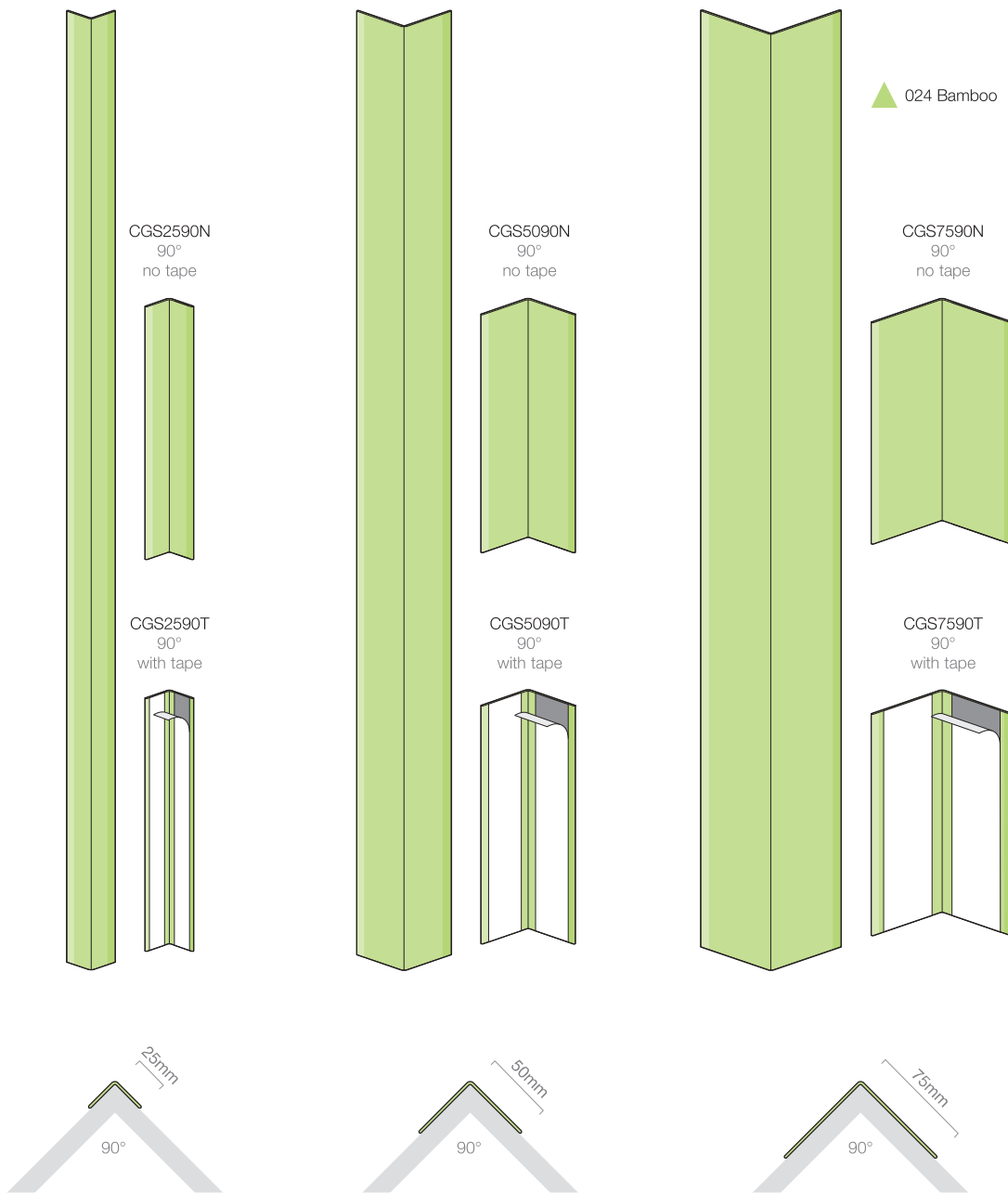
Section 4

Features

- Surface mount corner guards comprising aluminium retainer, PVC-u cover and PVC-u top/bottom caps
- Replaceable, through coloured, easy-to-clean covers - textured to conceal the effects of impact and abrasion
- Aluminium retainer provides additional support for weaker substrates
- Supplied in package format with a pre-cut retainer, cover and 2 caps
- Colour: Available in 33 colour options – see pages 21 - 23 for details
- Height: 8 options: 0.8m, 1.0m, 1.22m, 1.3m, 2.0m, 2.44m, 2.7m and 4.0m
Can also be cut down to suit specific requirements with additional top/bottom caps available to order
- Material: PVC-u, Aluminium
- Environment: Interior

Standard PVC-u Corner Guards - with or without tape

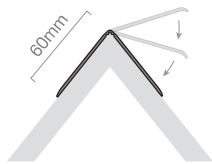
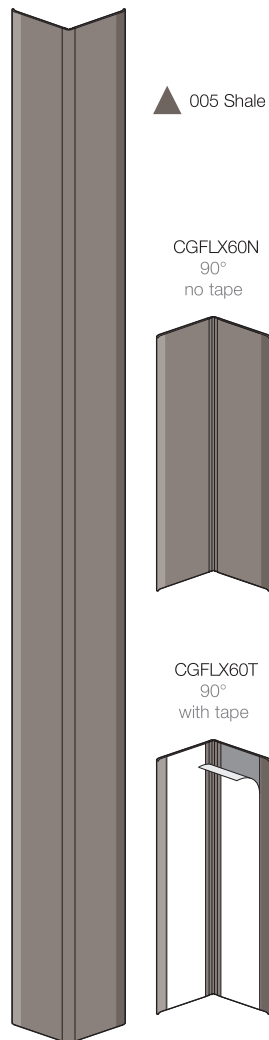
 Gradus is the largest UK manufacturer of wall protection profiles



Features

- One-piece, surface mount corner guards
- Cost effective solution ideal for use in environments such as hotels, leisure clubs, schools, offices and nursing homes
- Through coloured, easy-to-clean PVC-u – textured to conceal the effects of impact and abrasion
- Supplied with tape for ease of installation or without, for installation with a suitable adhesive
- Colour: Available in 34 colour options – see pages 21 - 23 for details
- Height: 8 options: 0.8m, 1.0m, 1.22m, 1.3m, 2.0m, 2.44m, 2.7m and 4.0m
Can also be cut down to suit specific requirements.
- Material: PVC-u
- Environment: Interior

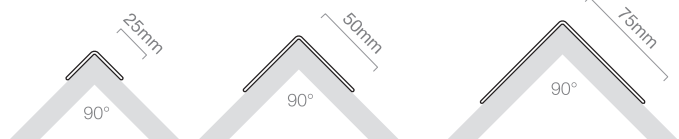
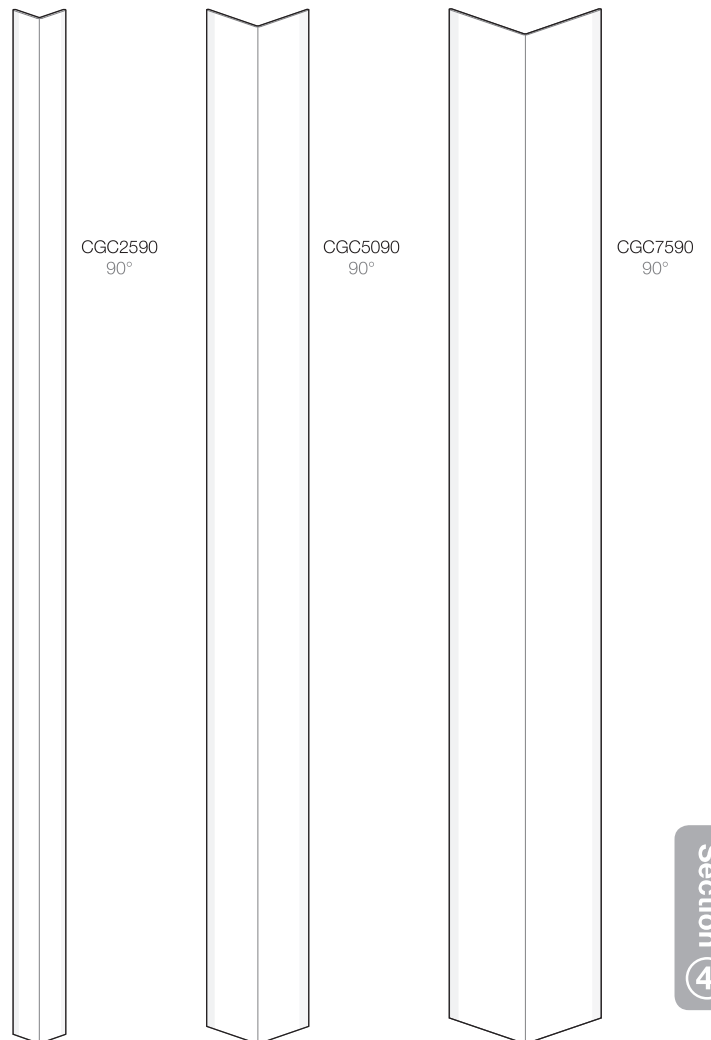
Adjustable Angle PVC-u Corner Guard



Features

- One-piece, surface mount corner guard – through coloured and textured to conceal the effects of impact
- Cost effective solution for irregular angle corners
- Supplied with or without tape
- Colour: Available in - 001 Chalk, 006 Ivory, 003 Clay, 005 Shale – see page 21
- Height: 8 options: 0.8m, 1.0m, 1.22m, 1.3m, 2.0m, 2.44m, 2.7m and 4.0m. Can also be cut down to suit specific requirements
- Material: PVC-u & PVC
- Environment: Interior

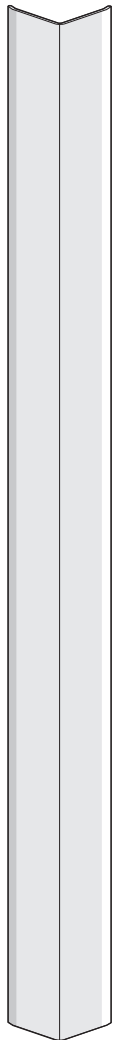
Clear PVC-u Corner Guards



Features

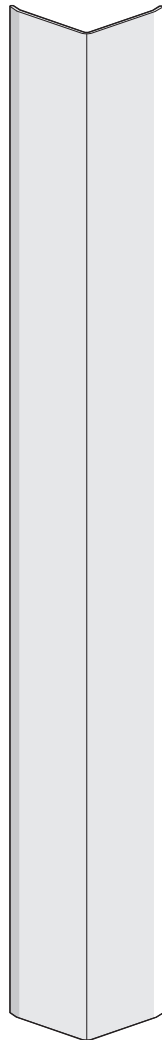
- One-piece, surface mount corner guards with a smooth finish
- Allows wallcoverings and finishes to be protected whilst enabling pattern and colour to show through
- Colour: Clear
- Height: 8 options: 0.8m, 1.0m, 1.22m, 1.3m, 2.0m, 2.44m, 2.7m and 4.0m
Can also be cut down to suit specific requirements
- Material: PVC-u
- Environment: Interior

Stainless Steel Corner Guards



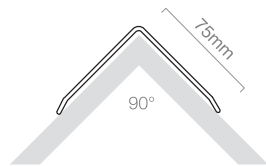
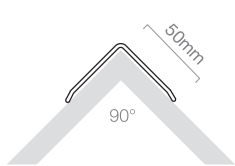
SSCG5090D
drilled
90°

SSCG5090U
undrilled
90°



SSCG7590D
drilled
90°

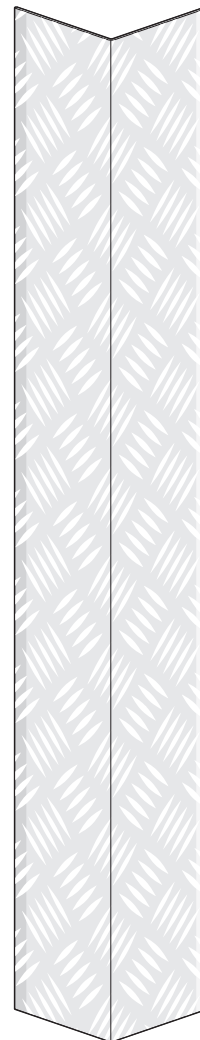
SSCG7590U
undrilled
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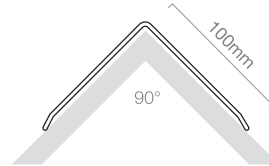
Features

- One-piece, surface mount corner guards
- Hygienic, durable protection for applications such as kitchens, canteens and laboratories
- Supplied drilled or undrilled
- Finish: Satin
- Height: 2 options: 1.25m, 2.5m
- Material: 304 Grade Stainless Steel – 1.5mm
- Environment: Interior

Aluminium Chequer Plate Corner Guard



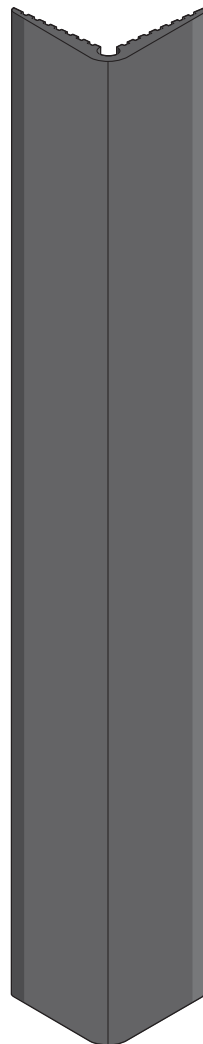
CPACG
10090/1250
undrilled
90°



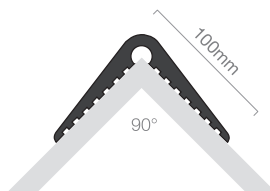
Features

- One-piece, surface mount corner guards
- Lightweight, easy-to-install
- Embossed chequer pattern conceals the effects of impact and abrasions
- Supplied undrilled
- Finish: Chequer Pattern
- Height: 1.25m
- Material: Aluminium
- Environment: Interior & Exterior

Rubber Corner Guard



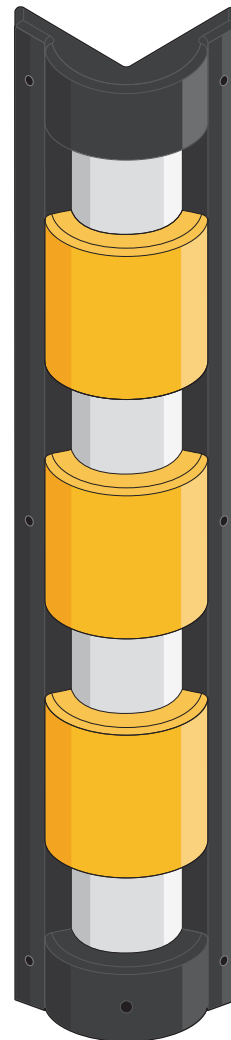
CGR119
90°



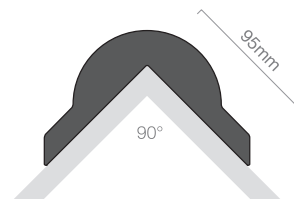
Features

- One-piece, surface mount corner guard
- Heavy duty protection against damage caused by wheeled traffic
- Through coloured to conceal the effects of impact
- Ideal for use in manufacturing, warehousing and loading bays, back of house retail, hospital service corridors and car parks
- Supplied undrilled
- Colour: Black
- Height: 3.0m
- Material: Rubber
- Environment: Interior & Exterior

Reflective Corner Guard



CGCW-890-BY
90°



Features

- One-piece, surface mount corner guards incorporating impact absorption pads and diamond grade reflectors
- Highly visible to alert vehicle users to potential hazards
- Ideal for loading bays and basement car parks where vehicles are manoeuvring in tight spaces and often with poor visibility
- Suitable for corners and pre-cast concrete or clad pillars
- Supplied undrilled
- Colour: Black/Yellow/Reflectors
- Height: 890mm
- Material: Polyethylene
- Environment: Interior & Exterior