



## External corners profiles **Cerfix<sup>®</sup> Procorner**

### Description

PROCORNER M profiles are used to protect the external corners of coverings or as a decorative finish on existing floor and wall coverings. Available in an assortment of aluminium (210-220-277), stainless steel (774-775-776-777-779) and brass (076), they are bonded to the surface using a suitable adhesive (PP/96). Some models are self-adhesive to make them even quicker to install. They are recommended for use in high traffic environments (offices, public spaces, commercial areas, schools, hospitals, etc.) and anywhere corners in a wall covering might be damaged by passing trucks, stretchers etc.

PROCORNER P is a PVC profile, designed specifically to protect the external corners of tiled coverings as they are laid, to prevent the unsightly and delicate 45-degree angle. The rounded form serves primarily as a safety measure to prevent any accidents as well as being decorative.

### Materials

#### Anodized aluminium

Al-Mg-Si aluminium, heat-treated in T6 (6060 T6).

The profiles are made by extrusion then anodized with a  $\geq 15 \mu\text{m}$  thick layer.

The outer surface must be protected from scratches and rubbing. They present a strong resistance to chemical and atmospheric agents. When wet, concrete and its derivatives produce alkaline substances which can corrode metal (forming aluminium hydroxide) when allowed to react with the surface. For this reason, the visible surface of the profile must be quickly and delicately cleaned to remove any concrete, adhesive or grouting substances and detergents.

Anodized surfaces can become ruined through wear and foot traffic (profiles used on floors) and the original finish lost as a result.

#### Coated aluminium

Al-Mg-Si aluminium, heat-treated in T6 (6060 T6).

The profiles are extruded and then coated. They present a relatively good resistance to chemical and atmospheric agents but not to mechanical stress which damages the surface coating. This means they are not recommended for floor use. Concrete, adhesive, grouting materials and detergents must be immediately removed from the visible surface of the profile.

#### Stainless steel

AISI 304 - DIN 1.4301

Especially resistant to the main chemical and atmospheric agents, to lime, mortar, tile adhesives and cleaning products.

Also recommended for use in food industries, hospitals, external environments in general, etc.

#### Stainless steel

AISI 430 - DIN 1.4016

This type of steel has moderate resistance to corrosive agents. It is recommended for indoor use.

### Polished brass

Alloy CW624N UNI EN 12167

The profiles are extruded or bent into shape then polished mechanically. The outer surface must be protected from scratches and rubbing. Resistance to chemical agents and mechanical stress is good. Parts of the brass in contact with the air are subject to oxidation, producing a film on the surface. In the presence of extreme humidity or corrosive agents, brass will oxidise quickly and marks may appear on the surface. Where necessary, it can be restored to its natural state with abrasives or special polishes.

### Plasticised PVC

Plasticised PVC compound, lead-free, self-extinguishing. Stabilised, eco-compatible, based on Ca-Zn salts.

### General note on metals

Aluminium and stainless steel are not resistant to all chemical compounds. Consequently, contact with particularly aggressive products like hydrochloric acid (HCl) and phosphoric acid (H<sub>3</sub>P<sub>04</sub>) should be avoided.

Products generally used to clean stone, ceramic and porcelain tiles, such as muriatic acid, ammonia and bleach, damage the surface finish on the metal and can cause intense corrosion. Moreover, any residues of concrete, adhesive, and grouting materials must always be removed from the surface of the profiles as quickly and delicately as possible.

If adhesive tape is used to cover the profile, it must not be left any longer than an hour.

## Fixing

### Fixing with adhesive

Remove the profile from the packaging.

Where present, also remove any protection (protective and/or shrink-wrapped film) added to protect the finish.

Measure the length required and cut the profile to this length using an appropriate tool.

Place the profile, cut to the right length, in position and fix it to the laying surface with a suitable adhesive (such as PP/96), making sure that the support is free of dirt and perfectly clean.

Press and hold evenly along the length of the profile to make sure it bonds correctly to the laying surface.

### Fixing profiles with adhesive

Remove the profile from the packaging.

Where present, also remove any protection (protective and/or shrink-wrapped film) added to protect the finish.

Measure the length required and cut the profile to this length using an appropriate tool.

Pull of the protective film, making sure that the surface onto which it will be placed is perfectly clean and not flaking.

Press and hold evenly along the length of the profile to make sure it bonds correctly to the surface.

## Care and maintenance

Care and maintenance procedures for the materials used to make these profiles depends largely on the type of alloy and/or finish used.

The instructions provided below describe the operations to be performed on the profile to restore it as much as possible to its original condition.

The purpose of this document is to provide as many general indications as possible to guide you on when and how to clean the product, but they should also be verified on a case-by-case basis.

It should be pointed out there are specific responsibilities in each part of the product's life cycle, starting from when it is installed the first time.

### Aluminium

No special maintenance is required and aluminium products can be easily treated with colourless alcohol in a water solution or using ordinary detergents, provided they do not contain acid (hydrochloric or hydrofluoric).

Detergent products made by multiple manufacturers and sold under a variety of commercial brands can generally be used for cleaning.

Generally speaking, there are three types of products:

- Alkaline
- Neutral
- Acid

For cleaning purposes, we recommend using a neutral detergent diluted in water then rinsing with water only, using a non-abrasive sponge and/or cloth to avoid scratching and/or damaging the anodized surface.

During cleaning, the following aspects must be kept in mind at all times:

- Do not use acid or alkaline detergents because they could damage the aluminium;
- Do not use products and/or abrasive materials;
- Do not use organic solvents on painted surfaces;
- Do not use detergents without first checking their chemical composition;
- Do not apply detergents straight onto the surface to be cleaned;
- Surfaces must be "cold" (max T°= 30°C) during cleaning and not exposed to direct sunlight;
- Detergents used in cleaning must also be "cold" (max T° = 30°C) and steam sprays should not be used.

In any case, the final stage in the cleaning process is always sufficient rinsing of the parts treated with water. They must then be immediately dried using soft fabric or leather cloths. Polishes or similar products are not required.

Clean profiles carefully as soon as required, following the instructions on the product package, to prevent any residues of concrete, grout or similar substances from attacking the surface.

#### **Stainless steel**

Stainless steel surfaces can be polished with suitable, widely available products.

Stainless steel is easy to clean and extremely hygienic; the smooth, non-porous surface makes the adhesion and survival of bacteria and/or other micro-organisms.

To keep stainless steel perfectly maintained, there are just a few simple rules: wash with soap and warm water, rinse well then dry with a soft cloth. For surfaces exposed to atmospheric agents and attack, we recommend cleaning the stainless steel profile regularly to maintain the surface unaltered and prevent corrosion.

Surfaces with a brushed finish should always be cleaned in the direction of the brushing and not at an angle to it.

In the event of scratches, use a detergent/polish made specifically for stainless steel, and a soft cloth.

For cleaning, do not use any of the following:

- detergents containing hydrochloric acid (also known as muriatic acid), hydrofluoric acid or bleach; avoid direct contact on surfaces with detergents containing chlorides, unless the contact is short and the surface is well-rinsed afterwards.
- abrasive powdered detergents which could damage the surface finish of the profile.

Do not leave mild steel objects or utensils (like brushes or steel wool normally used to remove residues of mortar or similar products) in contact with stainless steel profiles for extended lengths of time. They could transfer iron particles (contamination) and trigger rust on the surface.

Do not leave damp cloths or sponges for extended lengths of time on the stainless steel surface to prevent the formation of unsightly water marks.

#### **Brass**

Brass does not require special maintenance: it can be easily cleaned with alcohol diluted in water or ordinary detergents, provided they are not acid-based. Water can be used with added neutral detergents and the final rinse with water alone. Use non-abrasive sponges or cloths which will not scrape the surface. Use polishes that are commonly available.

#### **PVC**

Does not need any special maintenance; they can be easily treated with colourless alcohol diluted in water or using normal detergents, provided they are not acid or alkaline based and also diluted in water; use only water for the final rinse.

Use non-abrasive sponges or cloths which will not scrape the surface.

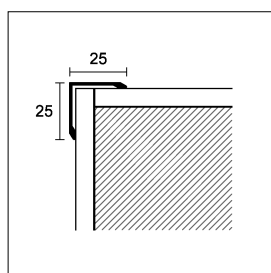
### **Fire prevention measures**

In the event of fire, use chemical fire extinguishers, dry sand or solid extinguishing agents.

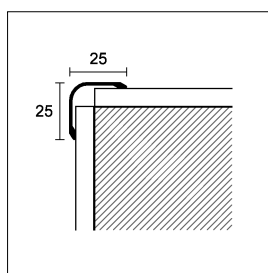
**Notes:**

These profiles must be handled with caution, being careful to wear suitable gloves to prevent injury and/or cuts to the hands.  
 The instructions and specifications provided here are the product of our experience but are only a guide, should not be considered exhaustive and must be confirmed by extensive practical applications.  
 Profilpas declines any responsibility for damage to people or things resulting from improper use of the product.  
 Users must establish for themselves if the product is suitable for the required used and they bear full responsibility for any incorrect installation of the material.

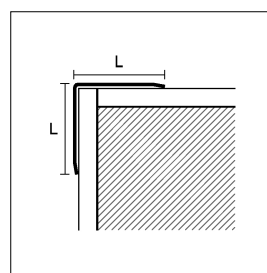
**Procorner**



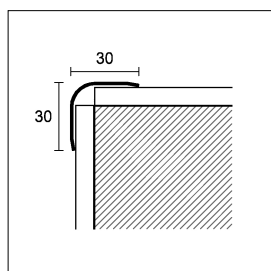
210/



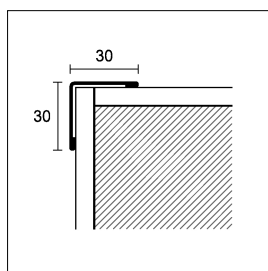
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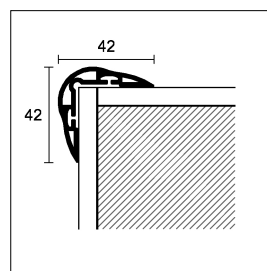
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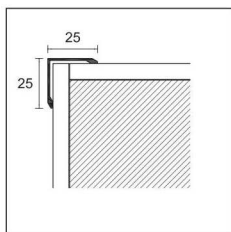
774/



779/





IP/40

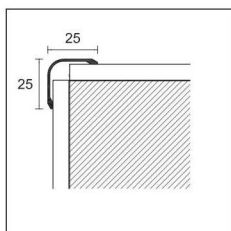
**Procorner**

 210/  
210H/A

**PROCORNER M**

length = 300 cm - pack 30 pcs **LxL**  
**25x25**

ART.	finishing		/SF	/A
<b>ALUMINIUM</b>				
	silver anodised		76068	76098
	gold anodised		-	76108
<b>210/</b>	colour-coated white RAL 9003	<input type="checkbox"/>	76128	76208

**SF** = not drilled **A** = adhesive  
 individually packed



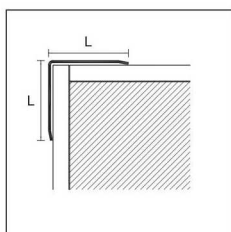
220/

**PROCORNER M**

length = 300 cm - pack 30 pcs **LxL**  
**25x25**

ART.	finishing		
<b>ANTIBACTERIAL COLOUR-COATED ALUMINIUM</b>			
<b>210H/A</b>	colour-coated antibacterial white RAL 9003	<input type="checkbox"/>	76209


**A** = adhesive  
 individually packed



277/

**PROCORNER M**

length = 300 cm - pack 30 pcs **LxL**  
**25x25**

ART.	finishing		/SF	/A
<b>ALUMINIUM</b>				
	silver anodised		77888	77894
<b>220/</b>	colour-coated white RAL 9003	<input type="checkbox"/>	77900	-

**SF** = not drilled **A** = adhesive  
 individually packed

**PROCORNER M**

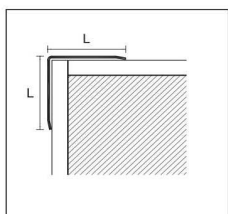
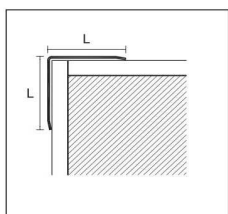
**SILVER ANODISED ALUMINIUM**   
 length = 300 cm - pack 30 pcs

ART.	measure LxL	code
<b>277/SF/</b>	<b>20x20</b>	76308
<b>277/A/</b> adhesive	<b>20x20</b>	76309
<b>277/SF/</b>	<b>25x25</b>	76318
<b>277/A/</b> adhesive	<b>25x25</b>	76319
<b>277/SF/</b>	<b>30x30</b>	76328
<b>277/A/</b> adhesive	<b>30x30</b>	76329

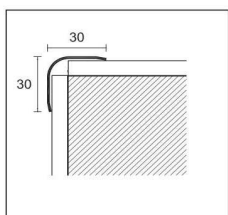
individually packed

**Procorner**

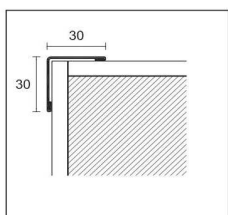

775/A/40 polished stainless steel AISI 304 DIN 1.4301


 777/  
776/


775/



774/



779/SF

**PROCORNER M**
**POLISHED STAINLESS STEEL AISI 430 DIN 1.4016**

length = 300 cm - thickness = 0,60 mm

ART.	measure LxL	code	pack
777/SF/	15x15	76888	30
777/A/ adhesive	15x15	76938	30
777/SF/	20x20	76898	30
777/A/ adhesive	20x20	76948	30
777/SF/	25x25	76908	15
777/A/ adhesive	25x25	76958	15
777/SF/	30x30	76918	20
777/A/ adhesive	30x30	76968	20

length = 200 cm - thickness = 1 mm

ART.	measure LxL	code	pack
776/SF/	30x30	77004	20
776/A/ adhesive	30x30	77044	20
776/SF/	40x40	77014	10
776/A/ adhesive	40x40	77054	10
776/SF/	50x50	77024	10
776/A/ adhesive	50x50	77064	10

length = 270 cm - thickness = 1 mm

ART.	measure LxL	code	pack
776/SF/	30x30	77008	10
776/A/ adhesive	30x30	77048	10
776/SF/	40x40	77018	10
776/A/ adhesive	40x40	77058	10
776/SF/	50x50	77028	5
776/A/ adhesive	50x50	77068	5

**POLISHED STAINLESS STEEL AISI 304 DIN 1.4301**

length = 270 cm - thickness = 1 mm

ART.	measure LxL	code	pack
775/SF/	30x30	77108	10
775/A/ adhesive	30x30	77148	10
775/SF/	40x40	77118	10
775/SF/	50x50	77128	5
775/A/ adhesive	50x50	77168	5

**SATIN STAINLESS STEEL AISI 304 DIN 1.4301**

length = 270 cm - thickness = 1 mm

ART.	measure LxL	code	pack
775/SF/	30x30	77110	10
775/SF/	50x50	77130	5

**POLISHED STAINLESS STEEL AISI 304 DIN 1.4301**

length = 270 cm - thickness = 1 mm

ART.	measure LxL	code	pack
774/SF	30x30	77954	10

**SATIN STAINLESS STEEL AISI 304 DIN 1.4301**

length = 270 cm - thickness = 1 mm

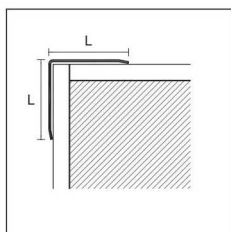
ART.	measure LxL	code	pack
779/SF	30x30	77106	10

SF = not drilled    A = adhesive

Procorner



076/A/30 polished brass



076/SF/  
076/A/

**PROCORNER M**

**POLISHED BRASS**

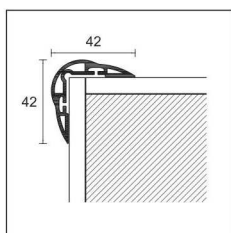
length = 270 cm - thickness = 1,00 mm

ART.	measure LxL	code	pack
<b>076/SF/</b>	<b>15x15</b>	76800	30
<b>076/A/</b> adhesive	<b>15x15</b>	76840	15
<b>076/SF/</b>	<b>20x20</b>	76802	15
<b>076/A/</b> adhesive	<b>20x20</b>	76842	15
<b>076/SF/</b>	<b>25x25</b>	76806	15
<b>076/A/</b> adhesive	<b>25x25</b>	76846	10
<b>076/SF/</b>	<b>30x30</b>	76808	10
<b>076/A/</b> adhesive	<b>30x30</b>	76848	10

SF = not drilled    A = adhesive



IP/40 blue soft PVC



IP/40

**PROCORNER P**

length = 270 cm - pack 20 pcs

ART.	finishing	LxL
<b>SOFT PVC</b>		
	white	95010
<b>IP/40</b>	yellow	95011
	red	95012
	blue	95013