



External corners profiles **Cerfix[®] Proangle F**

Description

Proangle F is a triangular profile presented as a decorative element, sealing the external corners in tile coverings. The stainless steel version with a narrower base is recommended to protect and finish internal corners in tiled coverings. Special pieces are also available, such as internal/external angles and end caps in aluminium and stainless steel.

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.

Polished aluminium

Al-Mg-Si aluminium, heat-treated in T6 (6463 T6).

The profiles are extruded then treated and machined. Relatively good resistance to chemical and atmospheric agents is guaranteed. 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 cleaned to remove any concrete, adhesive or grouting substances and detergents. Do not use polished aluminium profiles on floors and outdoors.

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.

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 (H₃P₀4) 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, detergents 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.

Check that the thickness of the covering/flooring to be laid is not greater than the dimension of the profile (see label).

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.

Level the adhesive on the laying surface using a toothed spreader.

Place the profile in position and level it with the covering laid previously.

Lay the covering delicately, making sure it is flush with the profile and leaving the right space for a grout line (usually 1-2mm).

Fill any gaps left between the covering and the profile with a suitable grout.

Remove any excess grout, adhesive etc. with a soft sponge and water within ten minutes of application.

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.

Fire prevention measures

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

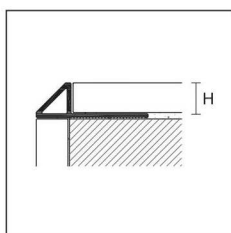
Notes:

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 use and they bear full responsibility for any incorrect installation of the material.

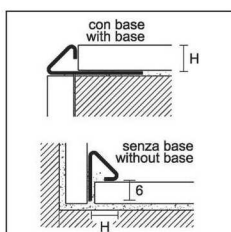
Proangle F

 FMA/
FMB/

PROANGLE F

length = 270 cm - pack 20 pcs



		H			
ART.	finishing	8	10	12,5	
ALUMINIUM					
FMA/	silver anodised		93025	93026	93027
FMB/	bright polished silver		93028	93029	93030

individually packed


 FMI/
FMIS/

PROANGLE F



length = 270 cm - pack 20 pcs

		H				
ART.	finishing	8		10		
STAINLESS STEEL						
		with base	without base	with base	without base	
FMI/	stainless steel AISI 304 - DIN 1.4301		93050	93051	93052	93053
FMIS/	satin stainless steel AISI 304 - DIN 1.4301		93054	93055	93056	93057

individually packed



OUTSIDE CORNER

pack 5 pcs*

		H			
ART.	finishing	8	10	12,5	
ALUMINIUM					
FMAE/	silver anodised		93031	93032	93033
FMBE/	bright polished silver		93040	93041	93042

INSIDE CORNER

pack 5 pcs*

		H			
ART.	finishing	8	10	12,5	
ALUMINIUM					
FMAI/	silver anodised		93034	93035	93036
FMBI/	bright polished silver		93043	93044	93045

OUTSIDE CORNER

pack 5 pcs

		H		
ART.	finishing	8	10	
STAINLESS STEEL				
FMI/	stainless steel AISI 304 - DIN 1.4301		93058	93059
FMIES/	satin stainless steel AISI 304 - DIN 1.4301		93064	93065



INSIDE CORNER

pack 5 pcs

		H		
ART.	finishing	8	10	
STAINLESS STEEL				
FMI/	stainless steel AISI 304 - DIN 1.4301		93060	93061
FMIS/	satin stainless steel AISI 304 - DIN 1.4301		93066	93067

END CAP

pack 5 pcs*

		H			
ART.	finishing	8	10	12,5	
ALUMINIUM					
FMAC/	silver anodised		93037	93038	93039
FMBC/	bright polished silver		93046	93047	93048

END CAP

pack 5 pcs

		H		
ART.	finishing	8	10	
STAINLESS STEEL				
FMIC/	stainless steel AISI 304 - DIN 1.4301		93062	93063
FMICS/	satin stainless steel AISI 304 - DIN 1.4301		93068	93069

no partial packaging for aluminium accessories