PROFILPAS S.P.A.
VIA EINSTEIN, 38 35010 CADONEGHE (PADOVA)
ITALY
TEL. +39 049 8878411 +39 049 8878412
FAX. +39 049 706692
EMAIL: INFO@PROFILPAS.COM



Prolight

Cerfix® Proangle Q ZQAL

Description

Prolight Proangle Q ZQLA is a profile for external corners with a strip LED lighting system.
The profile comprises of a natural aluminium base and a downlighter in a selection of colours, made of co-extruded plastic.
The thin band of light (when switched on) and the bright-coloured cover make this profile an ideal way to alert people to edges in floor and wall coverings in private or public spaces, like schools, workplaces and nurseries.
The ZQAL/13B base is ideal for plasterboard walls.
Special aluminium components are available as side caps.
If you also add a dimmer (optional) the intensity of the lighting can be adjusted as a decorative feature or to provide a night light.

Materials

Natural aluminium

Al-Mg-Si aluminium, heat-treated in T6 (6060 T6).
The profiles are made by extrusion.
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.

Co-extruded PVC/ABS

Rigid PVC compound, lead-free, shock-proof, self-extinguishing. Stabilised based on Ca-Zn salts.
Opaline, shock-proof and UV-resistant ABS.

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, 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

The system features a natural aluminium base profile (items ZQAL/10B or ZQAL/13B) and a co-extruded PVC/ABS cover in (item ZQAL/10) available in different colours.
Special natural aluminium components are available as side caps.
Check that the thickness of the tiles to be laid is the same as the dimension of the profile.

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Remove the profile from the packaging.
Measure the length required and cut the profile to this length using an appropriate tool.
Cut the base profile and the cover/downlighter to the required lengths.
Level the adhesive on the laying surface using a toothed spreader.
Press down on the profile to push the previously levelled adhesive up through the holes in the lip.
Place in position and press lightly on the coverings until the visible surface is perfectly aligned with that of the profile or slightly higher and leaving the right space for a grout line (usually 1-2mm) if required.
For the choice and assembly of electrical components (strip LED lights, power supply units, etc....) see LED strip light technical data sheet.
Electrical components should be assembled and switched on by trained, authorized personnel.
Once all parts have been correctly installed and checked, snap the co-extruded cover plate on.

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 with water of the parts treated, then immediately dried using cloths or soft leather. 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.

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.

ABS

Does not need any special maintenance; they can be easily treated with water or using normal, neutral liquid detergents (do not use creams or pastes) use only water for the final rinse.
Use non-abrasive sponges or cloths which will not scrape the surface.

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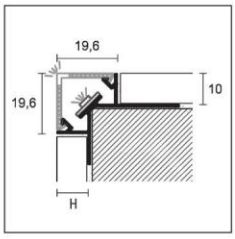
Fire prevention measures

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.

ZQAL

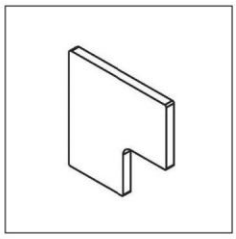


ZQAL/...B+ZQAL/10

PROLIGHT PROANGLE Q

length = 270 cm - pack 10 pcs			H	
ART.	**finishing**		**10**	**13**
ALUMINIUM				
ZQAL/10B	natural aluminium base		87226	
ZQAL/13B	natural aluminium base			87227
OPALINE PVC				
ZQAL/10	white		87230	
	grey		87231	
	red		87232	
	yellow		87233	

Items available in different colours on demand minimum quantity 540 meters



ZQAL/...P

END CAPS FOR ZQAL

pack 5 pcs			H	
ART.	**finishing**		**10**	**13**
ALUMINIUM				
ZQAL/10P	natural aluminium		87229	
ZQAL/13P	natural aluminium			87228

no partial packaging

For the best aesthetic result and the validity of the warranty, we suggest the exclusive use of our electrical components.

We recommend the use of NT LED strip with continuous light,