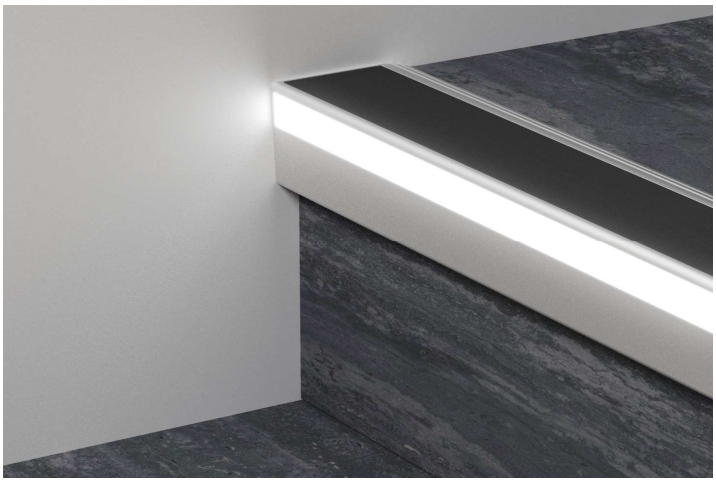
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Stair nosing profiles

Prolight Protect 126/L/F

Description

Prolight Protect 126/L/F stair nosing profiles are designed to protect, define and/or finish the edges of existing tiled, marble, stone, wooden, carpeted stairs using a strip LED lighting system.
They come in anodized aluminium with a non-slip PVC cover which can be replaced in the event of wear.
They are recommended for floors which can be slippery and in public spaces which must comply with safety legislation.
Special end caps are also available to seal each side, to be screwed on.
Light is distributed along the length of the profile through a downlighter fixed to the front of the profiles.
If you also add a dimmer (optional) the intensity of the profile lighting can be adjusted as a decorative feature or to provide a night light.

Materials

Anodized aluminium

Al-Mg-Si aluminium, heat-treated in T6 (6060 T6).
The profiles are made by extrusion then anodized with a ≥ 15 µm 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.

ABS

Opaline, shock-proof and UV-resistant ABS.

General note on metals

Aluminium is 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.

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Fixing

Laying perforated profiles (with or without screws) with non-slip cover.
Remove the profile from the packaging.
Measure the length required and cut the profile to this length using an appropriate tool.
After cutting the profile to the right length, place in position and use a permanent marker to mark the exact position of the holes on the profile, where holes should be drilled.
Remove the profile and drill the floor in the exact positions that you marked previously, being careful to check the exact size of the plugs needed.
As necessary, drill the profile to run cables through at the required points.
Slot the plugs into the holes drilled in the floor; reposition the profile correctly and fix it to the wall using the right type of screws, making sure that the support surface is perfectly clean.
Cut the non-slip profile to size and attach in the groove provided.

For the choice and assembly of electrical components (strip LED lights, power supply units, etc....) see LED strip light technical data sheet.
Once you have calculated the lengths of 126/L/F and all other components needed (profiles, ridged rubber, end caps, strip light spools, power supply, dimmer switch, receiver for remote control, cables and connectors) have the items assembled and switched on by trained, authorized personnel.

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.

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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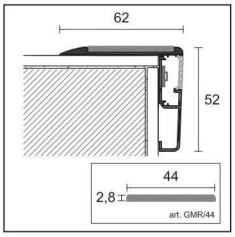
Fire prevention measures

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.

126/L/F



126/L/F

PROLIGHT PROTECT

length = 270 cm - pack 6 pcs

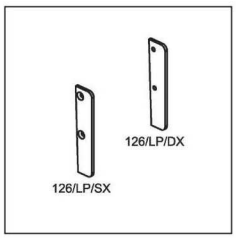
ART.	finishing		
ALUMINIUM			
126/L/F	silver anodised		84060

individually packed

GROOVED RUBBER

length = 1700 cm - 1 rolls pack

ART.			
GMR/44	black		75706



126/LP

END CAPS FOR 126/L/F

pack 5 pcs

ART.	finishing		
ALUMINIUM			
126/LP/DX	silver anodised		84062
126/LP/SX	silver anodised		84063

no partial packaging

Spare insert in opaline ABS for art. 126/L/F code 84069 L 270 cm - pack 20 pcs

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,