



## Stair nosing profiles **Prolight Prostep G/8 LED**

### Description

Prolight Prostep G/8 LED is an aluminium anodized stair nosing profile with indirect lighting system through LED strip. Applicable during the installation of ceramic or wood tiles with thickness of 10 mm, it is suitable in public or residential areas. If you insert in the system the dimmer (option), it is possible to change the light intensity of the profile for furnishing or night-time courtesy lighting.

### Materials

#### Natural aluminium

Al-Mg-Si Alloy heat treated to T6 temper (6060 T6).  
These profiles are made by extrusion.

They present a distinct resistance to chemical and atmospheric agents.

Cement and its derivatives produce, if wet, alkaline substances that, when left to act on the surface, can corrode metal (formation of aluminium hydroxide). For this reason, the side on sight of the profile must be cleaned delicately thoroughly from cements, adhesives, cleaners and caulking or stopping material.

#### Anodized aluminium

Al-Mg-Si Alloy heat treated to T6 temper (6060 T6).

These profiles are made by extrusion and subsequently anodized with thickness  $\geq 15 \mu\text{m}$ .

They are well-resistant to chemical and atmospheric agents. Cement and its derivatives produce, if wet, alkaline substances that, when left to act on the surface, can corrode metal (formation of aluminium hydroxide). For this reason, the side on sight of the profile must be cleaned delicately thoroughly from cements, adhesives, cleaners and caulking or stopping material.

#### General note on metals

Aluminium is not resistant to all chemical compounds, so is necessary to keep them away from particularly aggressive products such as hydrochloric acid (HCl) and phosphoric acid (H<sub>3</sub>PO<sub>4</sub>).

Products that can be used for cleaning stones, ceramics and gres, namely muriatic acid, ammonia, bleach or sodium hypochlorite damage the surface finish of the metal and may cause intense corrosive reactions. Therefore, it is necessary to always remove, and as fast and gently as possible, residues of cement, adhesives and materials for caulking and stopping from the surface of profiles.

In case you used an adhesive tape to mask the profiles, we recommend to remove the tape within 1 hour.

### Laying

G/8 LED is composed from natural aluminium basement art. G/8B/10 and an aluminium anodized profile to cover it art. G/8/SF.

Are also available special components to realize some lateral locks for the stairs with side on sight art. G/8P/DX and G/8P/SX.

Before the laying of natural aluminium basement, paste the covering on the steps. When it will be dried, cut to size the basement G/8B/10 and fix it with glue (as PP/96) and/or screws and components along the edge of the stair nosing profile.

For the choice and the installation of the electrical components (LED strip, power supply, etc...) see strip LED data sheet.

Once counted the needed meters of G/8 LED to illuminate the desired space (profiles, end caps, LED strip rolls, power supply, dimmer, receiver for the remote control, remote control, cables and connectors) the electrical installation and set-up must be made by specialized and authorized staff. When the installation of the basement and the LED strip finished, connected and set-up, (ignition test and correct function) positioned the top profile in line with the basement profile already applied, through a rubber hammer, taking care to put something soft between the tool and the profile, to avoid damaging the surface.

Proceed with insert all the top profile on the basement until the alignment with the floor, fix quota 10 mm.

Where required, insert and glue the right and/or left terminal accessorize.

## Care and maintenance

The care and maintenance of the materials used for the realization of these profiles are closely linked to the type of alloy and/or used finishing. The instructions below describe the operations to which it must submit the profile in order to restore as much as possible its original appearance. The intent of this is to provide all those general guidelines that can serve as guidelines in the choice of when and how to clean, but they will have to be checked case by case. It must be underlined that there are already precise specifications responsibility at every stage of product life since its installation.

### Aluminum

These need no particular maintenance and are easily cared for with colorless alcohol diluted in water or with normal detergents, though not acid-based products (e.g. hydrochloric or hydrofluoric acid). For cleaning tasks, a wide array of detergents coming in a variety of commercial brands and of numerous manufacturers are generally used. In general, there are three product types:

- Alkaline type
- Neutral type
- Acid type

For cleaning, neutral detergent diluted in water and a rinsing agent of solely water is recommended, using a sponge and/or non-abrasive cloth to prevent scratches and/or damage to the anodization, shine or varnish.

During cleaning, the following should be kept in mind:

- Do not use acid or alkaline detergents, since they can damage aluminum;
- Do not use abrasive products and/or materials;
- Do not use organic solvents on varnished surfaces;
- Do not use detergents with unknown chemical compositions;
- Do not apply detergents directly to the surface to be cleaned;
- Surfaces must be relatively "cold" when cleaning (Max. Temp = 30°C) and not exposed directly to sunlight;
- Detergents used for cleaning must be in turn "cold" (Max. Temp = 30°C) and spray devices must not be used.

In any case, the last phase of cleaning is always an adequate rinsing with water on the part that has been treated, followed immediately by drying with a soft cloth or rag. Maintenance with polishing products or similar is unnecessary.

Effect a quick and accurate cleaning of the profile, according to the indications on the product's packaging, in order to prevent possible cement deposits, caulking material or similar products that may end up attacking the surface layers.

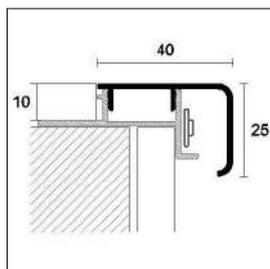
## Fire Control Measures

In case of fire, extinguish with fire-fighting chemical products, dry sand or solid fire-extinguishing agents.

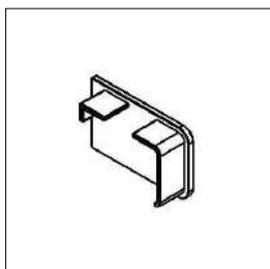
## Note

These profiles must be handled with care, taking the necessary steps to use suitable gloves to prevent wounds such as cuts to the hand. All indications and instructions here have come from our own experience to be understood as purely informative and will have to be confirmed through exhaustive practical experience. Profilpas will not be held responsible for any personal injury or material damage from improper use of the product. The user is responsible for establishing whether the product is suitable for the task and likewise must assume all responsibility for incorrect laying of material.

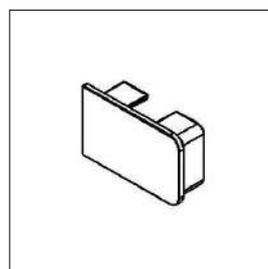
G/8



G/8/SF  
G/8B/10 (base)



G/8P/DX  
right end cap



G/8P/SX  
left end cap

**PROLIGHT PROSTEP**

length = 270 cm - pack 10 pcs

**ART. finishing**

**ALUMINIUM**

**G/8/SF** silver anodised



84210

individually packed

**BASES FOR PROFILES G/8/SF**

length = 270 cm - pack 10 pcs

**ART. finishing**

**ALUMINIUM**

**G/8B/10** natural aluminium



84215

**END CAP FOR PROFILES G/8/SF**

pack 10 pcs

**ART. finishing**

**METAL**

**G/8P/DX** silver



84206

**G/8P/SX** silver



84204