

CERFIX PROTEC CPHA

Profiles for balconies and terraces



DESCRIPTION

Protec CPH and **CPHV** are anodized aluminium or paint-coated perimeter profiles for terraces, balconies or pavements.

The special shape carries rainwater away, stopping it from coming into contact with the concrete surface. Placed around the edge, they hold the ceramic tiles in place and protect from foot traffic in multiple areas of use.

Recommended for tiles up to 21 mm thick.

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.

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 good resistance to chemical and atmospheric agents, but not to mechanical stress which damages the surface coating. Concrete, adhesive, grouting materials and detergents must be immediately removed from the visible surface of the profile.

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 (H₃PO₄) 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.

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.

Lay the covering delicately, making sure it is flush with the profile and leaving the right space for a grout line (usually 2-5mm) to be filled with a suitable elastic sealant.

Remove any excess grout, adhesive, solvents 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.

FIRE PREVENTION MEASURES

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

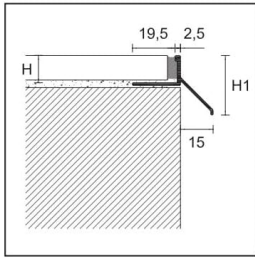
NOTES

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.

CPHA/
CPHV/**PROTEC**

length = 270 cm - pack 10 pcs

H (H1)

ART.	finishing		8 (23)	10 (25)	12,5 (27)	21 (36)
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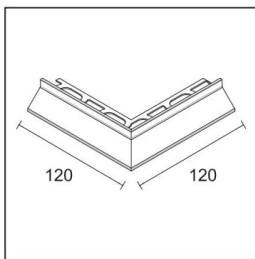
ALUMINIUM

CPHA/	silver anodised		87599	87600	87601	87602
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COLOUR-COATED ALUMINIUM

	ash grey RAL 7038		-	87606	87607	87608
CPHV/	ash grey RAL 7038 embossed		-	87637	87638	-
	ancient grey		-	87639	87640	-

white RAL 9003, dark brown RAL 8019, metal grey RAL 9006, aluminium grey RAL 9007 and ancient grey with a minimum of 270 meters, on request, without surcharge. For colours on request please contact our sales department.

CPHA/ /E
CPHV/ /E**90° OUTSIDE CORNER**

dimension = 12x12 cm - pack 5 pcs

H (H1)

ART.	finishing		8 (23)	10 (25)	12,5 (27)	21 (36)
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ALUMINIUM

CPHA/ /E	silver anodised		87564	87565	87597	87598
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COLOUR-COATED ALUMINIUM

	ash grey RAL 7038		-	87603	87604	87609
CPHV/ /E	ash grey RAL 7038 embossed		-	87641	87642	-
	ancient grey		-	87643	87644	-

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

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For the most current product data and BEST-BACKEDSM warranty information,
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