



Profiles for balconies and terraces **Cerfix[®] Protec CPCVD**

Description

Protec CPCVD/30/ is a draining perimeter profile, provided with a visible part that facilitates the outflow of rainwater from the tiled surface and an underlying protruding part equipped with holes for a further discharge of the water seeped under the tiles. The reduced dimensions of the visible part allow to avoid removing the perimetral balustrades in case of refurbishment. Connection elements for external corners and profile joints are available.

Materials

Coated aluminium

Al-Mg-Si aluminium, heat-treated in T6 (6060 T6).

The profiles are bent first then painted. 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 (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

Fixing with adhesive

Clean and prepare the laying surface, removing any dust or loose parts.

Remove the profile from the package and check that the thickness of the flooring to be laid is the same as the dimension of the profile selected (see label).

Measure the length of the perimeter to be protected and pre-cut the profiles, allowing 5mm space between each element.

Stick tape on the inner surface of the profile, covering the draining holes to stop them from being blocked when the concrete layer is laid.

Lay the profile along the edge of the concrete screed and the corners on the fresh waterproofing mortar or adhesive, then fix in place with steel nails through the holes in the perforated flanges.

Cover all the gaps between elements using the relevant joints.

When the first layer of waterproofing mortar or adhesive used to secure the profile has matured, create the waterproofing layer or waterproofing cement layers (following the manufacturer's instructions).

When this has also matured, remove the tape protecting the drainage holes and lay the flooring over the top, making sure no adhesive gets into the holes and leaving a space of around 5 mm between the tile and the edge of the profile. This gap should be filled with suitable MAPEI sealant on top of a line of polyethylene foam.

The use of CPCVD is not recommended for pavements and structures with walkable edges.

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

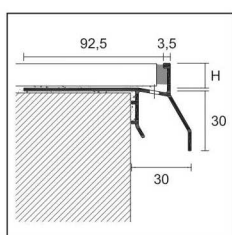
In the event of fire, use chemical fire extinguishers, dry sand or solid extinguishing agents.

Notes

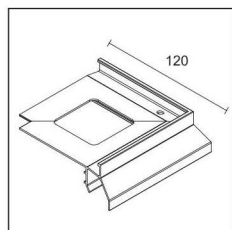
These profiles must be handled with caution, being careful to wear suitable gloves to prevent injury and/or cuts to the hands. The instructions and specifications provided here are the product of our experience but are only a guide, should not be considered exhaustive and must be confirmed by extensive 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 used and they bear full responsibility for any incorrect installation of the material.

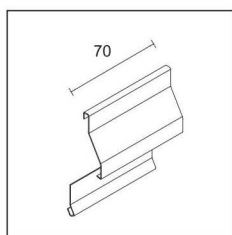
Protec CPCVD



CPCVD/30/



CPCVD/30/ /E



CPCVD/30/ /G

PROTEC

length = 270 cm - pack 5 pcs

		H	
		10	12,5
ART.	finishing	CPCVD/30/10	CPCVD/30/12
COLOUR-COATED ALUMINIUM			
	ash grey RAL 7038	87613	87628
	ash grey RAL 7038 embossed	87614	87629
	ancient grey	87615	87630

90° OUTSIDE CORNER

pack 5 pcs

		H	
		10	12,5
ART.	finishing	CPCVD/30/10/E	CPCVD/30/12/E
COLOUR-COATED ALUMINIUM			
	ash grey RAL 7038	87645	87648
	ash grey RAL 7038 embossed	87646	87649
	ancient grey	87647	87650

JUNCTION

width = 70 mm - pack 5 pcs

		H	
		10	12,5
ART.	finishing	CPCVD/30/10/G	CPCVD/30/12/G
COLOUR-COATED ALUMINIUM			
	ash grey RAL 7038	87657	87669
	ash grey RAL 7038 embossed	87658	87670
	ancient grey	87659	87719

no partial packaging