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Profiles for balconies and terraces

Cerfix® Protec CPBV

Description

PROTEC CPBV is a series of edge profiles for the protection and the finishing of the outside edges of terraces and balconies.
Available in colour-coated aluminium, they have been designed with a protruding section.
In addition to protecting and finishing the outside edges, they guarantee the outflow of water from the floor, avoiding the contact with the outside border.
They can be installed with tiles or marble of any thickness.
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.

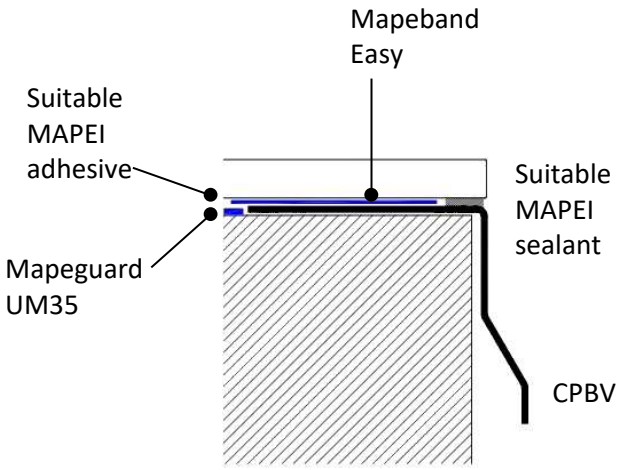
Fixing

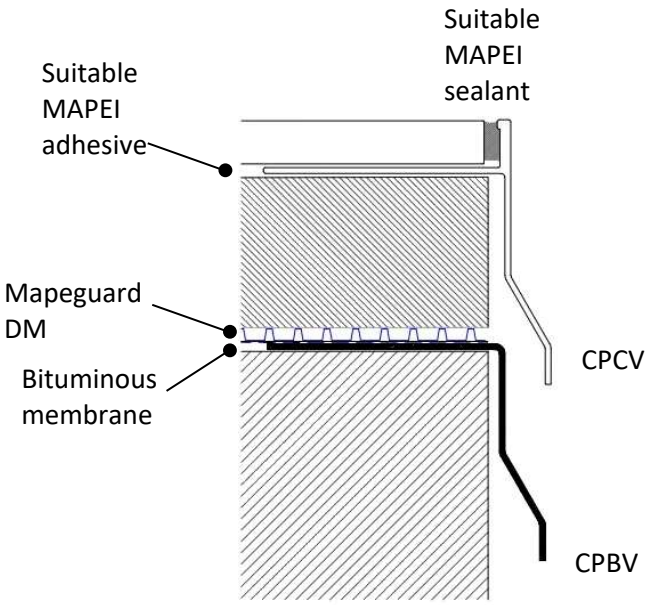
Fixing with adhesive

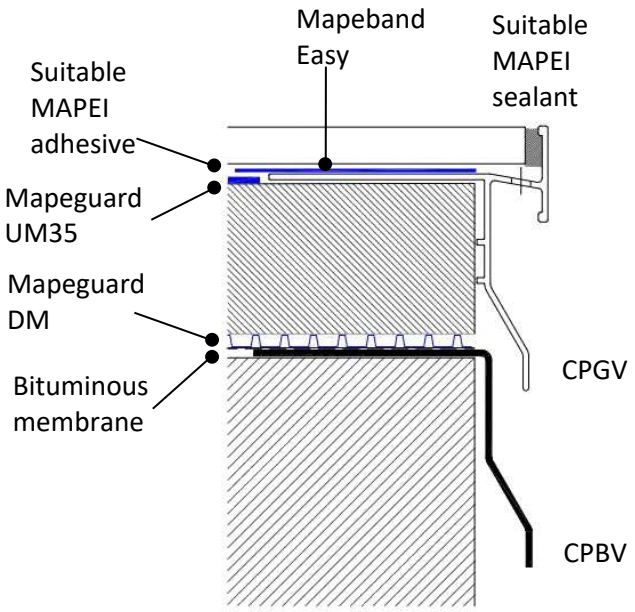
Clean and prepare the laying surface, removing any dust or loose parts.
Remove the profile from the packaging.
Measure the length of the perimeter to be protected and pre-cut the profiles, allowing 5mm space between each element.
Lay the profile along the edge of the concrete screed and the corners on 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.
Proceed with the installation of the flooring with a suitable Mapei adhesive, chosen according to the type and size of the covering.
Seal the space between the profile and the tile with a suitable MAPEI sealant.
Remove any excess grout, adhesive, solvents etc. with a soft sponge and water within ten minutes of application.

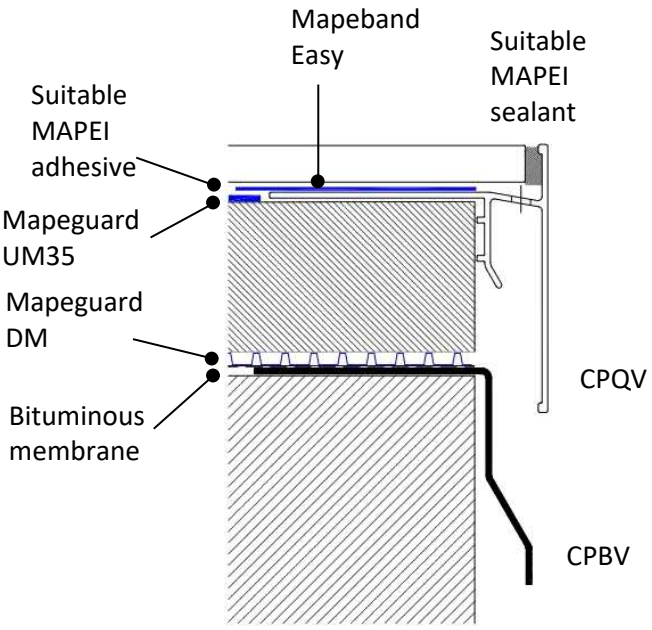
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Fixing examples with MAPEI products









We report some installation schemes for waterproofing, drainage or protection and drainage as required by the UNI 11493-1 and UNI 8178-2.

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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

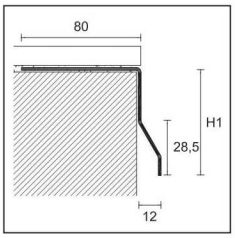
In the event of fire, use chemical fire extinguishers, dry sand or solid extinguishing agents.

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.

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Protec CPBV

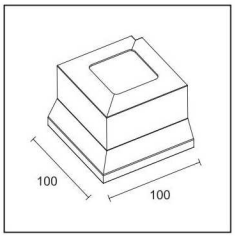


CPBV/

PROTEC

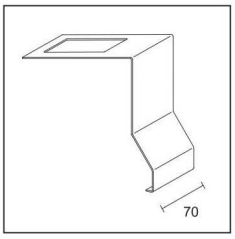
length = 270 cm - pack 5 pcs			H1		
ART.	**finishing**		**55**	**75**	**95**
COLOUR-COATED ALUMINIUM					
CPBV/	ash grey RAL 7038		87332	87334	87336
	ancient grey		87333	87335	87337

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



90° OUTSIDE CORNER

pack 5 pcs			H1		
ART.	**finishing**		**55**	**75**	**95**
COLOUR-COATED ALUMINIUM					
CPBV/ /E	ash grey RAL 7038		87402	87404	87406
	ancient grey		87403	87405	87407



JUNCTION

width = 70 mm - pack 5 pcs			H1		
ART.	**finishing**		**55**	**75**	**95**
COLOUR-COATED ALUMINIUM					
CPBV/ /G	ash grey RAL 7038		87462	87464	87466
	ancient grey		87463	87465	87467

no partial packaging