

CERFIX PROTEC CPEV-CPEI

Profiles for balconies and terraces



DESCRIPTION

Protec CPEV and **CPEI** are reversible edging profiles to protect and finish the outer edges of terraces and balconies.

Available in coated aluminium (**CPEV**) and stainless steel (**CPEI**) in different heights.

They can be fitted flush (stair nosing) or sitting on the surface (for terraces and balconies).

They can be used with tiles or marble in thicknesses from 11mm to 32 mm.

The special section makes them ideal to protect the edges of steps or kerbs, hiding the joint between the tread and rise.

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.

Stainless steel

AISI 304 - DIN 1.4301

Especially resistant to the main chemical and atmospheric agents, to lime, mortar, tile adhesives and cleaning products.

Also recommended for use in food industries, hospitals, external environments in general, etc.

General note on metals

Aluminium and stainless steel are 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.

Stainless steel

Stainless steel surfaces can be polished with suitable, widely available products.

Stainless steel is easy to clean and extremely hygienic; the smooth, non-porous surface makes the adhesion and survival of bacteria and/or other micro-organisms.

To keep stainless steel perfectly maintained, there are just a few simple rules: wash with soap and warm water, rinse well then dry with a soft cloth.

For surfaces exposed to atmospheric agents and attack, we recommend cleaning the stainless steel profile regularly to maintain the surface unaltered and prevent corrosion.

Surfaces with a brushed finish should always be cleaned in the direction of the brushing and not at an angle to it.

In the event of scratches, use a detergent/polish made specifically for stainless steel, and a soft cloth.

For cleaning, do not use any of the following:

- detergents containing hydrochloric acid (also known as muriatic acid), hydrofluoric acid or bleach; avoid direct contact on surfaces with detergents containing chlorides, unless the contact is short and the surface is well-rinsed afterwards.
- abrasive powdered detergents which could damage the surface finish of the profile.

Do not leave mild steel objects or utensils (like brushes or steel wool normally used to remove residues of mortar or similar products) in contact with stainless steel profiles for extended lengths of time. They could transfer iron particles (contamination) and trigger rust on the surface.

Do not leave damp cloths or sponges for extended lengths of time on the stainless steel surface to prevent the formation of unsightly water marks.

FIRE PREVENTION MEASURES

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

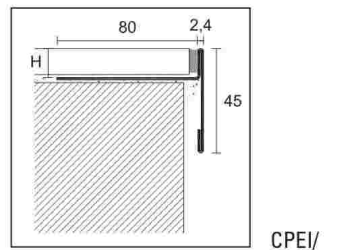
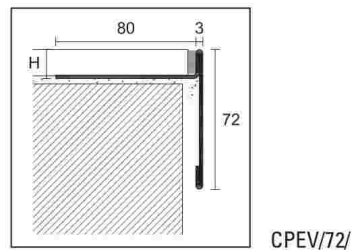
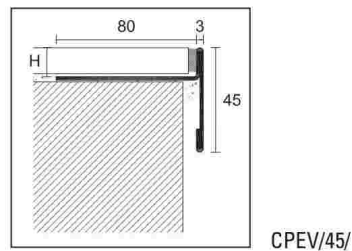
NOTES

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.



Complete the article code with H measure
(for example CPEV/45/ for H=12,5 becomes
CPEV/45/12)

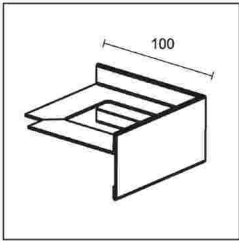
PROTEC

length = 270 cm - pack 10 pcs		H				
		11	12,5	15	20	12,5
ART.	CPEV/45/					CPEV/72/
finishing						
COLOUR-COATED ALUMINIUM						
ash grey RAL 7038		87530	87550	87551	87552	87252
metal grey RAL 9006		87531	87540	87541	87542	-
ancient grey		87532	87553	87554	87555	-

for CPEV/72 white RAL 9003, dark brown RAL 8019, metal grey RAL 9006, aluminium grey RAL 9007, ancient grey, ash grey RAL 7038 embossed and rust with minimum 270 meters, on request, without surcharge. For different colours, please contact our Sales Department. For CPEV/45 white RAL 9003, dark brown RAL 8019, aluminium grey RAL 9007, ash grey RAL 7038 embossed and rust with minimum 270 meters, on request, without surcharge. For colours on request please contact our sales department.

PROTEC

length = 270 cm - pack 10 pcs				H		
				12,5	15	20
ART.				CPEI/45/		
STAINLESS STEEL						
polished stainless steel AISI 304 DIN 1.4301			-	87570	87571	87572



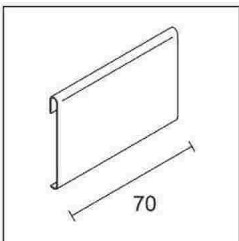
CPEV// /E
CPEI// /E

90° OUTSIDE CORNER

pack 5 pcs		H				
		11	12,5	15	20	12,5
ART.		CPEV/45/ E				CPEV/72/ E
finishing						
COLOUR-COATED ALUMINIUM						
ash grey RAL 7038		87533	87556	87557	87558	87255
metal grey RAL 9006		87534	87543	87544	87545	-
ancient grey		87535	87559	87560	87561	-

90° OUTSIDE CORNER

pack 5 pcs			H			
			12,5	15	20	
ART.			CPEI/45/ /E			
STAINLESS STEEL						
polished stainless steel AISI 304 DIN 1.4301			-	87573	87574	87575



CPEV// /G
CPEI// /G

JUNCTION

width = 70 mm - pack 5 pcs					H	
	11	12,5	15	20	12,5	
ART.	CPEV/45/ /G				CPEV/72/ /G	
finishing						
COLOUR-COATED ALUMINIUM						
ash grey RAL 7038		87562	87562	87562	87562	87258
metal grey RAL 9006		87546	87546	87546	87546	-
ancient grey		87563	87563	87563	87563	-

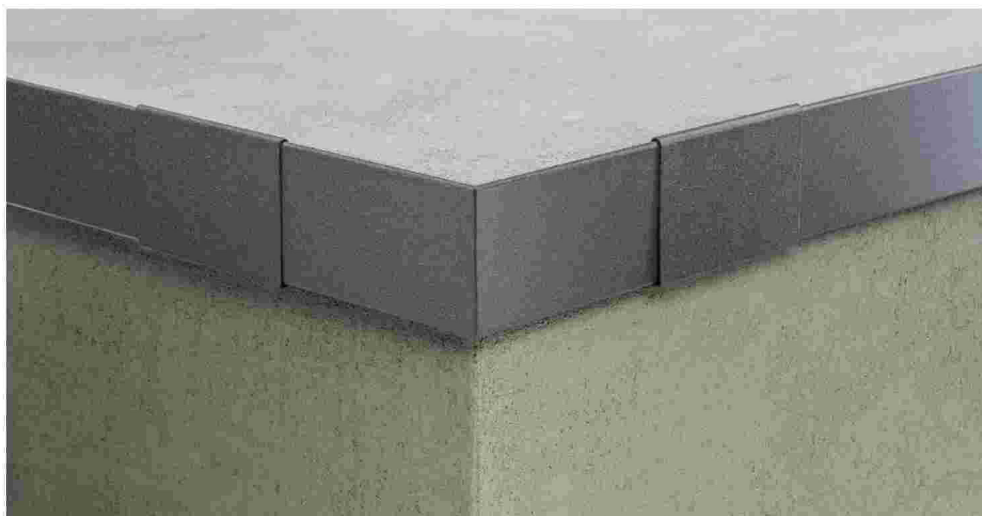
no partial packaging

JUNCTION

width = 70 mm - pack 5 pcs				H		
				12,5	15	20
ART.				CPEI/45/ /G		
STAINLESS STEEL						
polished stainless steel AISI 304 DIN 1.4301			-	87576	87576	87576

no partial packaging

Complete the article code with H measure
(for example CPEV/45/ for H=12,5 becomes
CPEV/45/12)



CPEV/45/12/E + CPEV/45/12/G ancient grey colour-coated aluminium

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.**

CONTACT INFORMATION

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Concrete and heavy construction: 1-888-365-0614
Canada:
1-800-361-9309

Customer Service

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