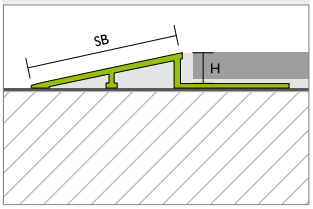
PRONIVO K Plain aluminium – anodised matt silver

Compensator profiles

Schematic diagram / installation option
H = 10 | 12.5 | 15 mm
SB = 39 | 48 | 59 mm



Fields of application:

The PRONIVO K transition and compensator profiles made from aluminium are a technically sound choice for transitions and renovation profiles and also an elegantly shaped solution for creating transitions without barriers, without steps and over which rollers and wheels can glide easily.
In addition, the adjacent covering edges are protected effectively.

The bevelled face of PRONIVO K profiles has an angle of approx. 16° degrees to the perforated strip and finishes flat on the flooring substrate.
Tripping hazards are reduced and different height situations are balanced out with an elegant finish.

Typical areas of application in domestic and commercial interior areas (e.g. shops, office complexes and similar) are:

- Creating surface transitions with disabled access and without barriers.
- As a soft transition from tiled or slab laid flooring to large floor areas, e.g. with shop-in-shop systems
- For rolling loads from vehicles and equipment with pneumatic tyres, e.g. in car showrooms, sales areas and similar with wheel loads under 1 N/mm^2.

Product advantages:

PRONIVO K transition and compensator profiles are easy to fit. They are particularly well suited to stepless ledges that can be driven over and, at the same time, increase the freedom of barriers in spaces.

The blank or anodised 'matt silver' aluminium profiles meet aesthetic demands thanks to the design but also serve protective and safety-relevant purposes above all.
Due to different geometries, varying height situations can be catered for. The profiles can be shortened to length on-site.

PRONIVO K transition and compensator profiles are designed to take mechanical loads (e.g. knocks, impacts and similar) along the edges of floors and so that it is easier for them to be driven over.
The profile has an anodised finish and is thereby generally resistant to the types of loads encountered during later use of the surfaces and also in terms of laying flooring.

Specifications:

Material Aluminium	plain	anodised 'matt silver'
Length [m]	3.00	3.00
Height [mm]	10 – 15	12,5
Face widths SB [mm]	39 – 59	39 – 59

For details, see latest price list.

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Delivery form:

Bound at the ends and in the middle with stretch film, packed in a dispatch box

10 profiles	1 package
Packaging unit	10 / 40 items
Customs tariff number for aluminium:	76109090

For the latest order quantities (KA) and packaging units (VPE), please refer to the price list, the relevant price sheets or product news sheets, or speak to your specialist dealer.

Produits complémentaires:

PRONIVO K external corner piece 90°
Anodised aluminium matt
Wedge profile as corner solution, 15 x 15 cm Item no.: 57414

PRONIVO K corner connector 90°
Corner connector for wedge profile
Pressure cast metal
Item no.: 57415

PRONIVO K connector
Connector for wedge profile
Pressure cast metal
Item no.: 57416

Storage and transportation:

Store and transport in dry areas that are protected against dirt, impact, abrasion and other foreign matter.
To avoid any risk of deformation, do not place any load on the profiles and preferably store in the lying position.

Disposal:

Profiles that have been cleaned of foreign matter can be disposed of in a metal recycling container. Observe local authority regulations respectively.

Thermal degradation:

No degradation if used in the correct manner.
Avoid excessive heat.

Processing:

Preparatory measures:
The surface to which the product is being fitted must be sturdy, dry, level, straight, flush and horizontal, free of parting agents and solvents and suitable for the bonding substance.

The fitting strips (higher side) must always lie beneath a hard covering, tiles or boards which are firmly bonded.
If rolling loads are expected, it is recommended that the fitting strip is also plugged in the substrate.

Installation:
Choose PRONIVO K profiles to suit the thickness of the intended covering. For installation, the upper edge of the profile must always be at the same height or lower than the adjacent covering edges. Check the profile for damage – use only undamaged profiles.
To cut to the required length, use suitable clamps, saws or cutting devices as well as personal protective equipment. Deburr the edges using a suitable tool.
The downwardly open profile geometry must be filled during the course of work, ideally with low-shrinkage, fast hardening thin-bed mortar and bonded firmly to the substrate.

Place the PRONIVO K transition and compensator profiles equally in the fresh bonding compound and align.
Then plug in place, ideally with countersunk screws, and plaster over the perforated fitting strip completely.
The flooring/covering material adjacent to the fitting strip must be laid so it is completely embedded. Only complete and uncut tiles and slabs should be fitted up against the profile.
If profiles are going to be driven over, the front edge of the profile must always be fixed completely with strong hardening mortar or adhesive underneath so that loads can be transferred to the substrate. To ensure that the profiles are easy to roll over, a stepless transition from the substrate to the front side of the profile is necessary. If necessary, use suitable filling compound so that the front edge of the profile is flush.

If the surface as a whole has a joint pattern, the joint to the profile can be formed to match the joint width, though it should be no wider than 2 mm. The joint between the flooring/covering and the profile should be filled completely with grout.

Clean away any mortar/grout and adhesive residue immediately and completely using clean water and a non-abrading sponge

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pad or cloth from the sides of the profile on display.
Bonding and joint filling substances should not dry onto the surface. Use non-abrasive bonding and joint compound.

Cleaning:

Use clean water, pH-neutral cleaning agent, a sponge or cleaning cloth.
Ensure that there is no sanding or grinding effect.
If necessary, use suitable cleaning paste to polish up untreated aluminium profiles if tarnished.
If necessary, use an alcohol-based cleaner or a cleaner especially developed for anodised surfaces or polishing paste.
Perform routine cleaning regularly in accordance with local conditions.

Chemical and physical resilience:

Before using cleaning agent or collected water, check whether it has a corrosive or damaging effect on the profiles. This also applies to correct dosage during use.
Never use agents containing hydrochloric or hydrofluoric acid on the profile. Any contact with chlorine bleaching agents, cement residue cleaners, strong acids or alkaline should be avoided.
Anodised profiles react sensitively to potent alkaline media.
Substances containing cement or lime in combination with water can alter the surface depending on the solution and time allowed to take effect.
Untreated aluminium reacts with oxygen in the air. A protective 'patina' forms which darkens the surface.
High levels of humidity accelerate this effect.

Always remove grout and joint compound immediately from the sides on display or mask off the visible sides to protect them.
Once the adhesive, grout and filling compound is dry, the profile can take mechanical loads as per its intended use.

Abrasive influences or the use of equipment or execution of activities on the profile with damaging effect should be avoided as a rule. Check cleaning tools and equipment with bristles and abrasive polishing pads to see if they scratch the surface.

Standards and regulations:

In addition to the observation and consideration of relevant specialist rules, standards and generally recognised rules of technology, attention is drawn in particular to the following regulations:

- *ATV DIN 18352 Tile laying work*
- *ATV DIN 18157 Fitting ceramic trim using thin-bed process.*
- *ATV DIN 18332 Natural stone work*
- *DIN 18202 'Tolerances in surface construction'*
- *ZDB bulletin 'Expansion joints' (last version)*
- *ZDB bulletin 'Flooring/covering subjected to high loads' (last version)*

Important information:

- *In conjunction with the profiles, use only neutrally cross-linked sealing and filling compound.*
- *The production processes necessitate a certain play of colours between the individual profiles and their appearance is subject to the characteristic, industrial processes during manufacture.*
- *If joining with reaction resins, check first if these could damage the surfaces of the profile that adhesive that adhesive and joining material can be removed completely.*
- *For the chemical / physical resistance of the profiles, the concentration, formulation, temperatures and composition of the affecting substances are generally responsible. Their diversity cannot be covered here. Resistance to corrosion should therefore be checked and scrutinised for each individual case.*

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