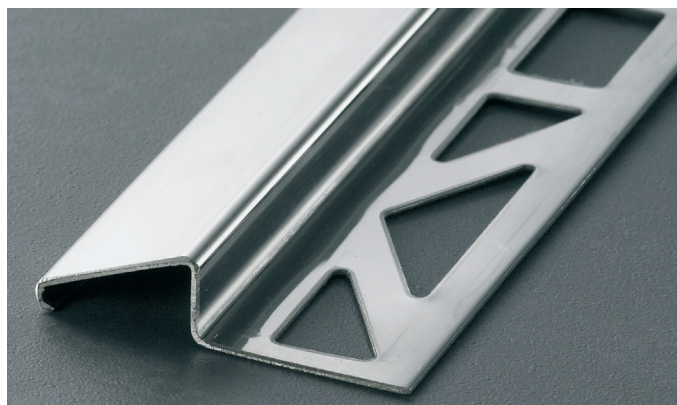
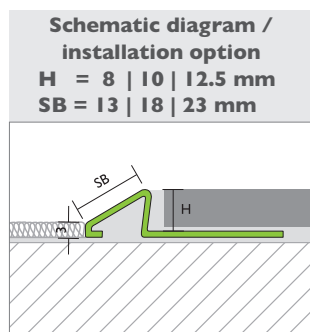


# PRONIVO S Stainless steel 1.4301 (V2A)

## Compensator profiles



### Fields of application:

The PRONIVO S transition and compensator profiles made from stainless steel 1.4301 (V2A) are a technically sound, high quality and also wear-resistant solution for balancing out different thicknesses in floors and walls.

In addition, the adjacent covering edges are protected effectively.

The bevelled face of the PRONIVO S profile is engineered with a degree of approx. 22° to the stamped strip and finishes with a limit edge of approx. 3 mm.

Tripping hazards are reduced and different height situations are balanced out with an elegant finish.

Typical areas of application in internal domestic and commercial areas are:

- Compensation in height between different types and heights of top surface (e.g. from tiles to carpet).
- As 'flood stop' in door and exit area of showers at same height as flooring, e.g. in combination with PROSHOWER and PROCHANNEL.
- With moderate chemical load (such as in showers/toilets in hospitals, care homes, public showers and similar)

### Product advantages:

PRONIVO S transition and compensator profiles are easy to fit. They upgrade the overall finish of ready to lay floor surfaces in a decorative fashion.

The selected stainless steel in brilliant or brushed finish combines the aesthetic requirements for high quality and also serves protective and safety-relevant purposes.

Due to different geometries, varying height situations can be catered for. The profiles can be shortened to length on-site.

PRONIVO S transition and compensator profiles are designed to take mechanical loads (e.g. knocks, impacts and similar) along the edges of floors and wall coverings and to protect adjacent coverings.

The material from which the profile is made is generally resistant to the types of loads encountered during later use of the surfaces and also in terms of laying wall coverings and flooring.

### Specifications:

Material	Stainless steel 1.4301 (V2A)	brilliant	brushed
Length [m]		2.50 / 3.00	2.50 / 3.00
Height [mm]		8 – 12.5	8 – 12.5
Face widths SB [mm]		13 – 23	13 – 23

For details, see latest price list.

### Delivery form:

Stainless steel, brilliant	Bound at the ends (also in the middle on 3 m bars) with stretch film, packaged in a dispatch box
Stainless steel, brushed film, bound	Individually wrapped in protective at the ends with stretch film, packed in a dispatch box
10 profiles	1 package
Packaging unit	10 / 40 items
Customs tariff number for stainless steel:	72224050

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.

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## Supplementary products:

PROLINE cutting disc

## 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. .

Protect foil-wrapped profiles from sunlight / UV rays.

## 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.

### Installation:

Choose PRONIVO S profiles to suit the thickness of the intended flooring/covering. Remove any protective film from the visible sides of the profiles before fitting.

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. Use cutting discs to cut PROLINE to size.

Tools that have already been used for other metals must no longer be used for stainless steel. Cutting tools must be free of iron, chlorine and sulphur.

The downwardly open profile geometry can be filled depending on the intended load and installation situation during the course of work, ideally with low-shrinkage, fast hardening thin-bed mortar without gaps.

Place the PRONIVO S transition and compensator profile with the stamped fitting strip equally in the fresh bonding compound and align. Then cover over completely. The flooring/covering material adjacent to the fitting strip must be laid so it is completely embedded.

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 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.

Clean profiles with suitable cleaning paste as required. If necessary, use an alcohol-based cleaner or a cleaner especially developed for stainless steel or polishing paste.

Perform routine cleaning regularly in accordance with local conditions. In places where substances containing chloride are used, clean the profiles of collected water regularly to prevent concentrations building up.

## 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 agents containing chloride ions

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(e.g. found in some cement residue cleaners, road grit, chlorine treated swimming pool water, brine water), strong acids or alkaline should be avoided.

Stainless steel reacts with oxygen in the air and forms a protective layer that becomes damaged upon abrasive contact with normal steel or iron and flying sparks from welding and cutting work, thereby resulting in corrosion.

Once the adhesive and joint filling compound has hardened, PRONIVO S transition and compensator profiles are ready to take mechanical loads according to the intended use. Such loads could be from vehicles with pneumatic tyres and electric lift trucks with full rubber or super elastic tyres. Loads from steel wheels have a damaging and possibly also corrosive effect.

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 method.
- 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)
- Information in English can be found at <http://www.bssa.org.uk>, particularly: <http://www.bssa.org.uk/topics.php?article=77>.

## Important information:

- In conjunction with the profiles, preferably use neutrally cross-linked sealing and filling compound.
- If joining with reaction resins, check first if these could damage the surfaces of the profile that adhesive and joining material can be removed completely.
- Iron particles from tools, scaffolding, transportation devices, etc. must be removed without delay. Sanding/grinding dust, swarf and welding splashes from structural steel work could lead to corrosion.
- 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
- Chloride ions present in fluids, condensation and chemicals have a corrosive effect. These loads should generally be avoided or eliminated through thorough cleaning. If loads are applied briefly, a concentration of 250 mg/ltr should not be exceeded.
- Protect any existing film against sunlight and UV light protection and remove completely before fitting.

*All information, references, instructions, basic engineering principles, regulations, standards and expertise are based on German and largely equivalent European regulations and training standards, irrespective of additional country-specific supplements and amendments.*

*All our specifications are based on our experience and careful analysis. We are unable to examine or influence the diversity of associated materials used and the various construction site and processing conditions in detail. The quality and function of your work is therefore dependent on your professional construction site evaluation and utilisation of the products. In case of doubt, carry out your own tests or seek technical application advice. Please refer to the laying and processing guidelines of the floor covering manufacturers or the manufacturers of associated products. All previously published product data sheets cease to apply on publication of this product data sheet.*

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