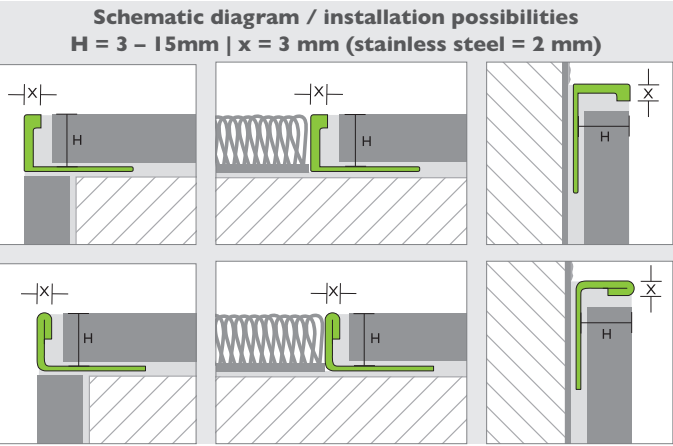


PROCURVE Solid brass – plain aluminium – stainless steel 1.4301 (V2A)

Flexible square-edged profiles



Fields of application:

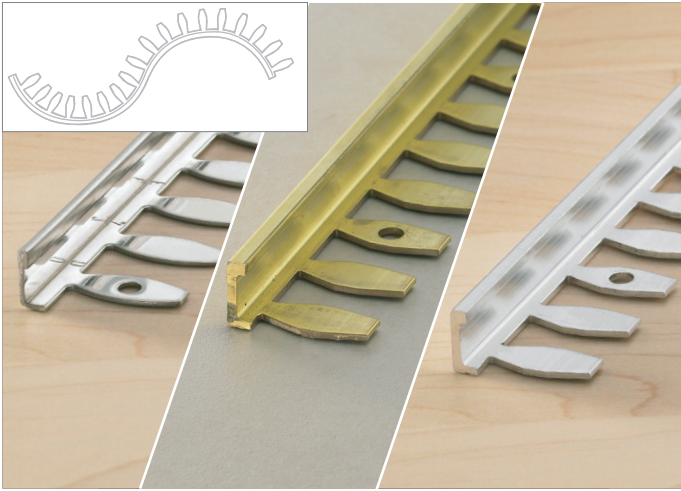
PROCURVE flexible square-edged profile is the decorative and technically perfect finish for edges of walls and flooring, which are laid with radial separation of various types of material or finishes.

PROCURVE flexible square-edged profiles feature a special perforation that permits various inner and outer radii without trouble. The square-edged profile thereby protects the outer edges and creates a harmonious transition to different types of coverings on walls and floors.

The design of PROCURVE square-edged profiles is matched to the coverings in such a way that, with a high level of application safety during installation, the loads experienced in inside areas can be borne reliably and with lasting effect.

Typical areas of application are, e.g.:

- Round, radial transitions, covering edges and boundaries of a wide variety of materials (e.g. tiles, natural and artificial stone, laminate, wooden floors, carpets, coatings, designer flooring, elastic coverings,...)
- Radial guided edge protection in expansion joints.
- Clean and decorative coverage and also perfect craftsman's finish and edge formation of cut edges or radially finished coverings.
- Decorative element in mosaic or inlay work.



Product advantages:

PROCURVE square-edged profiles are easy to fit. They protect edges and enhance the overall image of surfaces ready to take coverings.

Due to different geometries, a wide variety of covering heights can be catered for. The profiles can be bent and shortened to length on-site.

PROCURVE elements 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 profiles are finished in solid brass, brilliant stainless steel or even plain aluminium.

Specifications:

Material	plain brass	plain aluminium	brilliant stainless steel 1.4301 (V2A)
Length [m]	2.50	2.50	2.50
Height [mm]	3 – 15	3 – 15	3 – 12.5

For details, see latest price list.

PROCURVE Solid brass – plain aluminium – stainless steel 1.4301 (V2A)

Delivery form:

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

10 profiles	1 package
Packaging unit	10 / 50 items
Customs tariff number for brass:	74072190
plain aluminium:	76109090
plain 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.

Supplementary products:

PROBEND bending device for radii



PROFLOOR square-edged profiles for straight versions



PROLINE cutting disc for stainless steel profiles

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.

Installation:

Choose PROCURVE square-edged profiles to suit the thickness of the intended flooring/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 and deburr, use suitable tools, clamps, saws or cutting devices as well as personal protective equipment.

For bends and curves, the PROBEND bending device is recommended as an ideal aid for creating radii. Generally, the profiles can also be bent by hand and/or using templates (e.g. made from chipboard) or similar.

The stamped holes at regular intervals along the fitting strip serve as a means of additional attachment of the profiles using steel pins or screws along the planned, curved line.

It is recommended that the profiles are first adapted to the desired radii and then bonded.

Place the PROCURVE square-edged 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. Do not use abrasive bonding and joint filling substances.

PROCURVE Solid brass – plain aluminium – stainless steel 1.4301 (V2A)**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 an alcohol-based cleaner or a cleaner especially developed for solid / aluminium / stainless steel or polishing paste.

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. Any contact with chlorine bleaching agents, cement residue cleaners, strong acids or alkaline should be avoided.
 Further information can be gleaned from the appropriate data sheets from PROFLOOR square-edged profiles in their respective material versions.
 Once the adhesive, grout and filling compound has hardened completely, the profile can take mechanical loads as per its intended use. For use in conjunction with driven loads, the selected profiles must be checked in terms of the load in relation to the location and type of fitting/bedding. Loads from steel wheels have a damaging and possibly also corrosive effect. 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 18332 Natural stone work
- ATV DIN 18157 Fitting ceramic trim using thin-bed method.
- ATV 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>, which deals with cleaning.

Important information:

- In conjunction with the profiles, use only neutrally cross-linked silicon.
- 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.
- For the chemical / physical resistance of the profiles, the concentration, formulation, temperatures and compositions 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.

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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