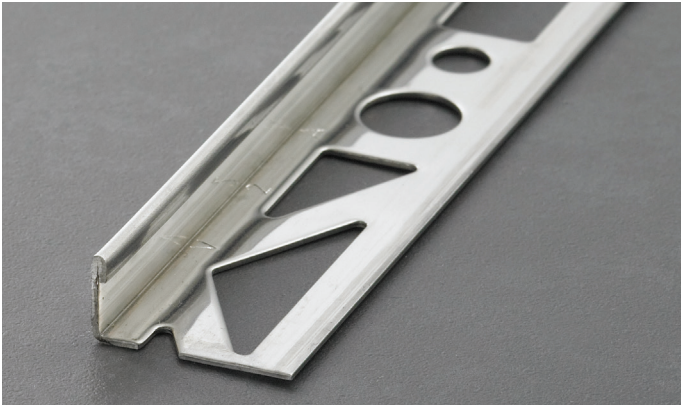
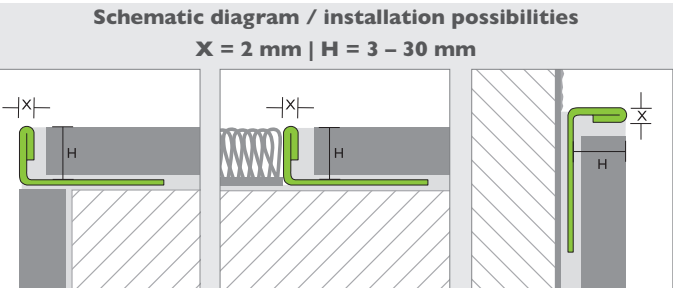


**PROFLOOR** Stainless steel I.4301 (V2A) brilliant – brushed  
Stainless steel I.4404 (V4A) natural shiny finish

**Square-edged profiles  
for floors and walls**



**Fields of application:**

PROFLOOR square-edged profiles made from stainless steel are the decorative and wise technical choice for finishing edges on ceramic, natural stone, parquet, laminate flooring, carpets and other flooring. 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 PROFLOOR 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.:

- 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,...)
- Edge protection on expansion joints.
- Clean and decorative covering for cut edges in ceramic, natural stone or wood, e.g. for skirting.
- Perfectly crafted finish and edge formation, e.g. for wall facing, shelving, reveals and stairs.
- V2A profiles with brilliant finish: For interior areas, also with moderate chemical load.
- V4A profiles for interior and exterior areas and in swimming pools with low or no chlorine.

**Product advantages:**

PROFLOOR 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 shortened to length on-site.

The high quality stainless steel I.4301 (V2A) and I.4404 (V4A) material and also the geometrical design ensure a high level of stability and resistance to mechanical and chemical influences. Its use permits a high aesthetic, extremely durable and tough finish.

PROFLOOR square-edged profiles are made from stainless steel to take mechanical loads (e.g. knocks, impacts and similar) along the edges of floors and wall coverings and to protect adjacent coverings.

In use, the low temperature expansion coefficient proves to be the best possible solution for laying substances and substrates with cement, lime or gypsum. This advantage also applies to covering materials, e.g. ceramic, natural or artificial stone, mainly in areas where significant temperature differences in the covering are expected (e.g. underfloor heating, exterior areas and similar)

**Specifications:**

Material	Stainless steel	Brilliant	Brushed	Natural shiny finish
		I.4301 (V2A)	I.4301 (V2A)	I.4404 (V4A)
Length [m]		1.00 / 2.50 / 3.00	2.50 / 3.00	2.50 / 3.00
Height [mm]		3 – 30	6 – 15	6 – 12.5

For details, see latest price list

# PROFLOOR

**Stainless steel I.430I (V2A) brilliant – brushed**  
**Stainless steel I.4404 (V4A) natural shiny finish**

## Delivery form:

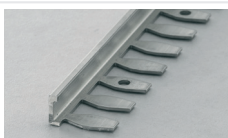
Bound at the ends with stretch film, partly also in the middle, packed in a dispatch box.

10 profiles	1 package
Packaging unit:	10 / 50 / 150 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.

## Supplementary products:

PROLINE cutting disc  
 PROCURVE for forming  
 curves in coverings



## 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 PROFLOOR square-edged profiles to suit the thickness accordingly. 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. Place the PROCONNEX 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.

## 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

# PROFLOOR

**Stainless steel I.430I (V2A) brilliant – brushed**  
**Stainless steel I.4404 (V4A) natural shiny finish**

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. Any contact with agents containing chloride ions (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, grout and filling compound has hardened completely, the profile can take mechanical loads as per its intended use. Such loads could be from vehicles with pneumatic tyres or electric lift trucks with full rubber or super elastic tyres. Loads from steel wheels have a damaging and possibly also corrosive effect.

Avoid abrasive influences, damaging equipment or damaging activities on the profile 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 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>.

## Important information:

- In conjunction with the profiles, preferably use neutrally cross-linked silicon.
- If joining with reaction resins, check first whether the surface of the profile could be damaged and that adhesive and grout 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 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.
- Chloride ions present in fluids, condensation and chemicals have a corrosive effect. These loads should generally be avoided or eliminated through thorough cleaning. If the load occurs only briefly, do not exceed a concentration of 250 mg/ltr.

*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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