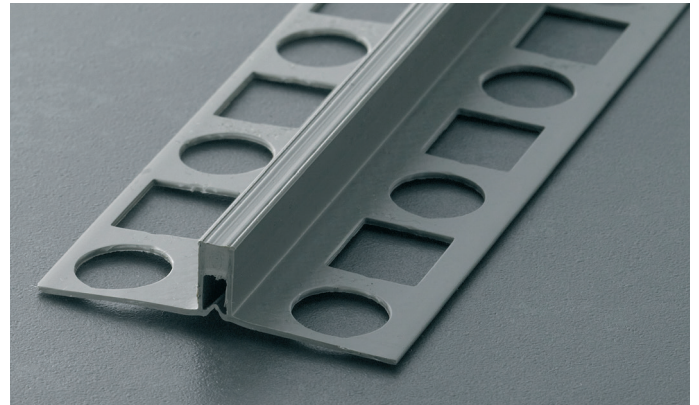
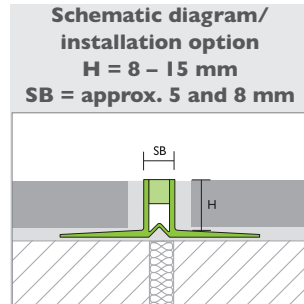


PROCONNEX Rigid/flexible PVC

Thin-bed profile



Fields of application:

The PROCONNEX thin-bed profile made from rigid and flexible PVC is a flexible joint profile for creating aesthetically straight expansion and boundary joints when laying tiles and boards using the thin-bed principle where the covering surfaces of these tiles and boards have reached the end of their dimensional changing process to the furthest degree possible.

PROCONNEX thin-bed profiles are fitted to allow for horizontal tension.

During coextrusion, the rigid plastic brackets are filled at the top with a softer plastic. This makes it possible to allow horizontal movement.

The stamped fitting strips are anchored under the adjacent coverings in their bonding compound (adhesive).

The scope of movement here is more orientated around small scale demands, as experienced in solid, sturdy, sufficiently old or dried out constructions.

The design of the PROCONNEX thin-bed profiles is adapted to the flooring/covering in such a way that, with a high level of application safety during installation, the assigned functions and loads are possible on inside surfaces that are submitted to traffic during domestic use.

Product advantages:

PROCONNEX thin-bed profiles made from rigid and flexible PVC are easy to fit.

The materials used and their formation allow a certain degree of flexibility for movement.

The profiles are finished in dark grey and light grey and fit into the laid surfaces.

There are two widths available with a visible surface of 5 and 8 mm. Due to different geometries, varying height situations can be catered for: The profiles can be shortened to length on-site.

Specifications:

Material	Coextruded rigid and flexible PVC
Length [m]	2.50
Height [mm]	8.0 10.0 12.5 15.0
Face widths [mm]	5 8
Temperature range in use	+5°C to +45°C
Colours	Light grey, dark grey

For details, see latest price list

PROCONNEX Rigid/flexible PVC

Delivery form:

Bound at the ends with rubber rings, packed in a dispatch box.

10 profiles	1 package
Packaging unit	40 items / 1 box
Customs tariff number for PVC:	39162000

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 miter shears



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 plastic recycling container.

Observe local authority regulations respectively

Thermal degradation:

No degradation if used in the correct manner.

Avoid heat. Do not burn profiles.

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 must always lie beneath a hard covering, tiles or boards which are firmly bonded.

Installation:

Choose PROCONNEX thin-bed profile made from rigid and flexible PVC 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 and even surface. Use only undamaged, even profiles.

To cut to the required length, use suitable clamps, saws or miter shears as well as personal protective equipment. Deburr the edges using a suitable tool.

Always install the profiles with equal coverage centrally above the boundary joints formed in the substrate.

Place the PROCONNEX thin-bed profile with the stamped fitting strip equally in the freshly 'combed' bonding compound and align. Then plaster over the fitting strip, covering it completely. The flooring/covering material adjacent to the fitting strip must be laid so it is completely embedded.

Tiles cut or made to fit the profile must be at least 10 cm wide. If necessary, lay a reinforcement strip measuring approx. 20 cm in width over the fitting strip in the thin-bed mortar layer. Mortar should not be allowed to find its way into the gap in the flooring/covering substrate.

If the profile joints are diagonal, do not allow the profile ends to overlap. If necessary, cut an angled joint or make recesses. 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.

PROCONNEX Rigid/flexible PVC**Cleaning:**

Use clean water, pH-neutral cleaning agent, a sponge or cleaning cloth.
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.
Do not use methylene chloride (DCM) or solvent-based substances on the profile.
If exposed to direct sunlight, PVC has a tendency to lose its colour and sometimes also shrink.
PVC is not sensitive to diluted acids and alkaline solutions, such as water that has been treated with chlorine. The material is resistant to fungal growth and bacteria.
Once the adhesive, grout and filling compound has hardened completely, 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 18332 Natural stone work
- ATV DIN 18202 'Tolerances in surface construction'
- ZDB bulletin 'Expansion joints' (last version)
- ZDB bulletin 'Flooring/covering subjected to high loads' (last version)

Important information:

- *If joining with heavily pigmented grout, clean immediately to avoid colour staining.*
- *Cement-based adhesives do not form a bond on PVC surfaces. Loss of adhesion at the joint to the profile is therefore possible.*
- *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.*
- *Due to the relatively narrow widths of the movement zone, the profiles are also only capable of permitting a respectively low amount of movement. This must be taken into consideration depending on the object-specific demands.*
- *The temperature at the time of installation should be the same temperature during later use. Allow profiles to acclimatise 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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