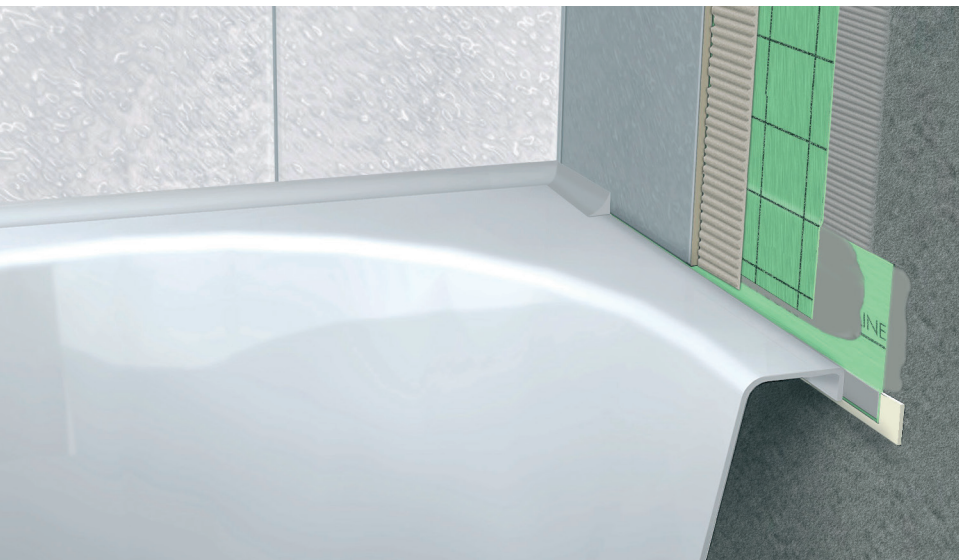


PROFOLIO joint sealing tape

One-sided self-adhesive connecting sealing tape with sound insulation strip and butyl putty for connecting to joint seals



Fields of application:

PROFOLIO joint sealing tape is a sealing tape for connecting to assembly parts such as bath tubs and shower trays, machine bases or window elements and profiles for further sealing in joint sealing systems such as **PROFOLIO**.

The self-adhesive butyl strip bonds to smooth and dense surfaces, e.g. metal, plastic, enamel, painted surfaces, glass and similar. By using **PROFOLIO joint sealing tape**, it is also possible to resolve tricky sealing and attachment issues quickly and easily with sealants on substrates that are partially resistant to bonding.

PROFOLIO joint sealing tape offers a simple and individual solution for seals under trays/tubs that in places cannot be technically detached.

The self-adhesive sound insulation strip serves to decouple noise, e.g. at the edge of trays/tubs after **PROFOLIO joint sealing tape** has been fitted.

The butyl putty can be worked to turn round corners into nearly rectangular corners, e.g. at the edges of trays/tubs.

- Easy sealing of installations and components
- Water-tight and high resistant bonding strength
- Solution to difficult sealing and attachment problems
- Noise decoupling
- Individually pliable butyl putty for levelling tasks

Product advantages:

The water-resistant butyl rubber compound has a viscoplastic and highly adhesive property, which, in conjunction with the highly elastic water-tight tri-laminate sealing tape, means that **PROFOLIO joint sealing tape** can offer the highest level of safety for a water-tight connection in otherwise tricky transition situations.

PROFOLIO joint sealing tape can be used in many ways, e.g. as a connection to tray/tub edges or machine bases, to window elements or profiles and upturns.

In some cases, the attachments and installations that need to be sealed in do not provide enough sealing surface or provide adequate bonding to the fluid joint seal substances.

Moreover, considerably more movement can often be expected at adjacent walls or floors than would otherwise be the case in a normal connection area.

A width of no more than approx. 20 mm is needed on the installation part for the self-adhesive attachment. The sealing tape bonds and fixes immediately without curing time.

PROFOLIO joint sealing tape can be used individually. The length of tape should be chosen in such a way that there are no overlaps of the joints at the edge of trays/tubs.

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- Highly elastic sealing tape from a certified joint sealing system
- Easy to work
- Can be used individually
- Bonds immediately, no curing time
- Small contact area required
- Greater safety for water-tight connection
- Water repellent butyl rubber adhesive

Delivery form:

Boxed set comprising:

Roll with approx. 4 m of one-sided self-adhesive, laminated sealing tape, green. Roll with approx. 4 m of self-adhesive PE noise insulating strips, approx. 5 mm thick, white. Butyl rubber putty in pencil form, quantity 3, approx. 6 cm long.



Art.no.: 93132

Technical data:

Material	Highly flexible, laterally elastic tri-laminate, with fleece backing on both sides (as with PROFOLIO sealing tape)
Colour	Green
Thickness	approx. 0.7 mm
Total width	approx. 120 mm (+/- 2 mm)
Butyl strip	approx. 20 mm wide, approx. 0.6 mm thick
Temperature resistance	- 5 to + 60 °C
Total weight of material	approx. 60g/m

Storage and transportation:

The sets should generally be stored and transported in a cool and dry place with no frost and with protection against sunlight and contamination.

The storage period under these circumstances is 12 months.

Disposal:

Off-cuts and leftovers in suitable quantities can be disposed of through the domestic waste system.

Waste code in accordance with European waste catalogue: 08 04 10: Adhesives and sealant waste with exception of that covered under 08 04 09.

Instructions on hazardous goods and substances:

No special measures required. Not hazardous material in terms of the transportation regulations. No evidence of having an irritating effect on the skin or eyes nor a sensitising effect in practical use.

The product is not subject to mandatory marking in accordance with the EC directive/hazardous material regulation. The usual precautionary measures must be observed for handling chemical substances.

Preparing the substrate:

Bath tubs and shower trays must be bonded before installing with **PROFOLIO joint sealing tape**. For other installations, this should be determined on an individual basis. After attaching **PROFOLIO joint sealing tape**, the trays/tubs must be set-up/ assembled.

The sealing surface of the installation part/component must be level, sealed tight, clean, dry, free of parting agents, loose or easily detachable materials and capable of taking the intended load through sufficient adhesion, flexural resistance and resistance to pressure.

To clean the adhesive surfaces, use suitable alcohol cleaner. Ideally, ask the manufacturer of the installation part which cleaners are suitable.

The surface of the areas that are to be bonded must be of an appropriate quality for the intended load (e.g. corrosion protection).

Substrates must be checked, assessed and, if necessary, prepared to ensure they comply with the intended moisture resistance category and the relevant rules of industrial practice. (ZDB bulletin 'Notes for performing joint sealing...'). See also system

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data sheets 521/522/523 **PROFOLIO** joint sealing.

The manufacturer's details regarding the construction chemical products used must be observed.

The installation and attachment parts must be properly fitted, sturdy and set up with dimensional stability before connecting to the joining surface.

Installation conditions:

The tools/materials used for processing must be clean, free of grease and free of any other parting substances. Hands must be clean and free of grease. The room and substrate temperature should be between 10 °C and 25 °C. The same climatic conditions that are expected to prevail during normal use should be set. Ideally, allow the product to acclimatise in the room.

The choice of sealing substances is orientated around the type of substrate and the load parameters. The fibres of the tri-laminate must be well coated and bonded with the mortar and sealing substances.

If in any doubt or material incompatibility is suspected, carry out tests in advance.

Note regarding protective equipment:

- For processing, the use of thin, close-fitting protective gloves is recommended.

Processing:

Install **PROFOLIO joint sealing tape** so that there are no overlaps at the joints. Cut the

length measured on the component from the roll. Pull the protective strip off the butyl adhesive bit by bit and apply the sealing tape with the butyl strip on the installation part without creases. Using a smoothing block or trowel handle (e.g. paint wood), rub the sealing tape forcibly down onto the adhesive surfaces of the installation part. The sealing tape itself should not be damaged in the process.

Ensure, at regular intervals, that the butyl strip is bonded over the complete surface and no ridges or air bubbles remain.

With the butyl putty, the void between the rounded tray/tub edges to the corner of the room can be sealed tightly.

To do this, press a lump of putty firmly into the edge of the tub/tray and create a filler piece around the corner. Completely cover the vertical edge of the tray/tub when doing this. Do not allow it

to escape from the upper edge of the tray/tub. Once the outer edge of the putty forms a ninety degree angle, bond **PROFOLIO joint sealing tape** to the surface of the putty using the butyl rubber strip and press down the two adhesive materials firmly several times to form the shape.

After the sealing tape has been completely applied, the noise insulation strip can be fitted on the back at the height of the tray/tub edge and so too can the tray/tub. Under no circumstances should the installation parts be pulled or held by the sealing tape during transportation, installation or positioning. The functional effectiveness of the seal relies entirely on the intactness and cleanliness of the bonded sealing tape. Do not influence in any way, particularly where corners have been formed.

Inform subsequent tradesmen tasked with installation of the tray/tub or installation parts (see information enclosed in box concerning positioning by or bonding to the component)

On completion of the work, the end of the sealing tape which is protruding can be worked into the joint seal.

Chemical resistance (green sealing tape):

Resistance after 7 days in storage at	+ = resistant
room temperature to following chemicals	0 = weakened
(internal examinations)	- = not resistant

Hydrochloric acid 3 %	+
Sulphuric acid 35 %	+
Citric acid 100 g/l	+
Lactic acid 5 %	+
Lime potash 3 %/20 %	+/+
Sodium hydrochloride 0.3 g/l	+
Seawater (20 g/l seawater)	+

All details were determined with the greatest of care and serve as an aid for orientation. The chemical resistance of butyl putty must be tested in advance for each scenario. Common household cleaning agents that are ph-neutral do not pose a problem.

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Standards and regulations:

Aside from all the relevant and currently applicable bulletins, standards and directives, the information listed as follows is recommended:

- DIN 18352 Tile and slab laying work
- DIN 18332 Natural stone work
- DIN 18333 Cast stone work
- DIN 18195 Building seals
- DIN 18202 Tolerances in building construction
- DIN 14891 Water-tight products applied in liquid form in combination with ceramic tiles and slabs
- Bulletins from German Association of Screed and Flooring
- Bulletins from Association of Tiles and Natural stone in Central Association of German Construction Industry, in particular:
 - Joint sealing
 - Outside flooring
 - Expansion joints
 - Substrates in damp rooms
- Interface co-ordination for heating flooring constructions
- ZDB tile and slab information 'Notes on de coupling'
- BAKT InfoTechnik – Bathrooms in dry-wall construction
- German Natural Stone Association – Structural engineering information for natural stone

Important information:

- Do not use **PROFOLIO joint sealing tape** on glazed or oil-treated surfaces.
- It is difficult to overlap ends effectively as the substance used to seal the joint (e.g. Ottocoll M 500 or Adhesilex PI) to the butyl rubber strip must bond in a water-tight manner.
The problem here is that the overlapping zone coated with adhesive has to be fixed in such a way that it is not possible

for it to shear apart and no ridges are formed.

Ideally, avoid overlapping the ends and use only complete tape.

- Mortar enhanced with plastic, dispersion and elastic filling and sealing substances must be allowed to dry completely at least once before they reach their full functionality and the surfaces can be approved for their intended use.
- **PROFOLIO joint sealing tape** has only limited resistance to UV radiation and must be protected against direct sunlight.
- **PROFOLIO joint sealing tape** is used in a wide variety of applications and combinations. The adhesive surfaces may exhibit different levels of quality.
For this reason, our specifications can only supply general information. If special or specific areas of application need to be covered, e.g. non-domestic physical or chemical effects, the use should be checked on an individual basis.
- Do not use thinners or cleaning agents containing mineral oil (e.g. turpentine). There should be no remains of the cleaning agents used when the sealing tape is ready to be stuck down.
- **PROFOLIO joint sealing tape** is not a substitute for an elastic seal that has been properly applied with no gaps. In the event of an accident (e.g. joint cracks), **PROFOLIO joint sealing tape** helps as a temporary seal to prevent the ingress of moisture at the first level.

Elastic fillings must be checked on a regular basis to ensure they fulfil their function and must be repaired or replaced in the event of damage.

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.

Fulfilment of an imposed work order and verifiable functionality of the object therefore depends on the observation of current VOB rules and the recognised rules of technology.

Our details do not absolve the accountable planner's and fitter's obligation to assess - on their own authority - the building conditions and practicability 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 product data sheets previously published are superseded by this product data sheet once published.

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Dear Fitter:

When transporting and installing trays/tubs and installation parts, on no occasion should the sealing tape be grabbed or pulled.

The functional effectiveness of the seal relies entirely on the intactness and cleanliness of the bonded sealing tape.

Do not influence in any way, particularly where corners have been formed.

Thank you

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