

PROBAND butyl sealing tape

One-sided self-adhesive tape sealing tape with tear-resistant fleece fabric

Use and applications:

PROBAND butyl self-adhesive sealing tape is a sealing tape for compound seals under ceramic floorings and a butt tape for laying decoupling mats such as ENERGY PES. It is also suitable for creating tight connections for wood, windows and façades.

PROBAND butyl self-adhesive sealing tape offers the right solution for waterproofing and sealing that is difficult to carry out on surfaces that are sealant-resistant.

The self-adhesive butyl tape adheres very well to all smooth and dense surfaces, such as metals, plastics, enamel, painted surfaces, glass and even polyester fibre mats such as ENERGY PES.

- Simple sealing on floors and walls
- Watertight and highly resistant adhesive strength
- Force transmitting butt joint connection for ENERGY PES decoupling mats
- For all types of firm surfaces

Product advantages:

PROBAND butyl self-adhesive sealing tape offers a high level of security for a watertight connection in difficult transition circumstances, due to the elasticity and high adhesion capacity of the water-repellent butyl rubber compound and the tear-resistant fleece.

PROBAND butyl self-adhesive sealing tape is versatile in its uses, e.g. to connect engine bases, windows or façade elements or profiles and upstands.

As a butt joint tape for laying ENERGY PES or similar polyester fibre mats, it enables a powerful transfer of loads. Sensitive rigid floorings are therefore protected from damaging tensions.

- Highly elastic sealing tape for compound seals
- Easy to handle and simple to process
- Extremely low installation height
- High self-adhesion
- Sticks immediately with no waiting times
- Self-sealing at the overlap joint
- Only requires a small sealing surface
- Greater security for a watertight connection
- Water-repellent butyl rubber



Delivery:

Roll containing approximately 10 m in length, 80 mm width and around 0.85 mm thick

Rolls with 10 m

Item no.: 93508

Packaging units are available on the price list, the relevant price sheets or new product sheets, or please enquire with your specialist dealer.

Technical data:

Material	Self-adhesive butyl rubber with PP fleece on the upper side
Weight	approximately 72 g/m
Colour	grey
Width	approximately 80 mm
Thickness	approximately 0.85 mm
Temperature resistance	-5° C - + 60 °C

Storage and transport:

Store and transport in a cool, dry place, protected from sunlight. The storage duration is 24 months under these conditions.

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Environment and disposal:

Packaging and product remnants must be disposed of according to the legal provisions and regional regulations.

Preparation / assessment of the surface:

The surface must be clean, dry and free of loose or easily detachable materials, as well as being adhesive, rigid and pressure-resistant, and must enable adhesion of $> 0.3 \text{ N/mm}^2$ for **PROBAND butyl self-adhesive sealing tape**.

The evenness of the surface must meet the required quality, based on the completed flooring. Levelling work must be carried out where possible before **PROBAND butyl self-adhesive sealing tape** is applied.

The surface must be sufficiently rigid and must distribute the load across its whole area. Any cracks or tears in the laying surface must be repaired securely in advance and a grip of $> 0.3 \text{ N/mm}^2$ on the surface must be ensured. Pasting over of butt joints on **ENERGY PES** or similar decoupling mats must not create a height offset at the edges of the mats. Backgrounds must be assessed and pretreated according to the specialist regulations in place. The manufacturer's specifications must be observed with regard to the use of structural and chemical products.

Laying / processing

Preparatory work:/ construction site planning

The surfaces must be prepared according to the levelness, gradient and stability specified. Fillers and levelling compounds must have achieved their nominal strength. Ideally, the draught-free room temperature should be between $+18^\circ\text{C}$ and $+25^\circ\text{C}$. The same temperature range applies for a dew point-free laying surface.

The prepared surface must be primed or pretreated based on its type, structure and absorbency. Should you be uncertain or have concerns about the tolerances of materials, you should conduct your own pretests.

Processing

Processing PROBAND butyl self-adhesive sealing tape with small joint overlaps of around 2 cm. Cut the length required for the working area from the roll. Remove the protective strips step by step from the butyl rubber and place and smooth out the sealing tape with the butyl surface on the area to be worked on. The sealing tape itself should not be damaged in the process. It should be checked regularly that the butyl surface is stuck on fully and free of bubbles.

After the work is completed, the appropriate compound seal can be applied without any waiting time. When using it as a butt joint tape, the flooring can also be laid straight away with suitable laying materials according to the recognised regulations of the technology and the trade.

Chemical and mechanical resilience:

PROBAND butyl self-adhesive sealing tape is resistant to many chemical fluids. The mechanical resilience of flooring is not affected negatively by the use of **PROBAND butyl self-adhesive sealing tape**.

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Standards and regulations:

It is recommended that the following standards and regulations are taken into account:

- DIN 18352 Tiling and slab laying
- DIN 18332 Natural stone laying
- DIN 18333 Working with concrete ashlar
- DIN 18353 Screed work
- DIN 18356 Parquet work
- DIN 4725 Hot water floor heating
- DIN 18202 Tolerances in building construction
- DIN 18560 Screeds in building construction
- DIN 18195 Waterproofing
- DIN 18157 Ceramic coverings using the thin-bed method
- Data sheets from the Federal Association for Screeds and Coverings
- Data sheets from the German Tile and Natural Stone Association of the Central Association of the German Construction Industry
- Interface coordination for heated floor structures
- Data sheets from the Federal Association for Surface Heating and Surface Cooling
- Central Association of the German Construction industry data sheet "Mechanically highly resilient floor coverings"
- Central Association of the German Construction industry: Tiles and mat information "Notes on decoupling"
- BAKT information on technical baths in dry construction
- German Natural Stone Association – Structural information on natural stone

All details, references, notes, applicable specialist regulations, guidelines, standards and specialist knowledge are directed towards the German, and insofar as they are congruent, to the existing European regulations and training standards, irrespective of additional country-specific extensions or modifications. All our information is based on our experience and carefully performed tests. The variety of additional materials that might be used and differing construction and working conditions cannot be individually checked or influenced by us. The fulfilment of an outstanding service contract and the manufacturing of a demonstrable functional capability of the trades is therefore dependent on adhesion to the current VOB (German Construction Contract Procedures) regulations and recognised technological rules.

Our details do not preclude responsible planners and processors from their duty to independently assess the conditions of a building and suitable application of the products. In case of doubt, please seek technical application advice or carry out your own tests. The manufacturer's guidelines for laying and processing the surfacing material or the guidelines for other products used must be observed.

The publication of this product data sheet invalidates all previous product data sheets.

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