

Butyl tape ALU-laminated, self-adhesive, diffusion-tight

Application areas	<p>Wikofix BBA 46 is a 0.8 mm thick self-adhesive butyl tape, permanently laminated with a smooth aluminium coloured liner, which can be used for a wide range of applications:</p> <ul style="list-style-type: none">▪ for the renovation of pitched and flat roofs with sheet metal coverings (ridge tiles, chimneys, mouldings in roof truss area)▪ in air conditioning, ventilation and metal construction (pipes for ventilation systems, heat-insulated pipes, gutters and drainpipes)▪ for sealing in the façade area (verandas, winter gardens, greenhouses, caravans, glass connections in metal constructions)▪ ideal for building sector, in the field of insulation, industry
Product benefits	<ul style="list-style-type: none">▪ water vapour diffusion-tight▪ self-adhesive▪ high initial adhesion▪ durable plastic▪ good adaptability, even on uneven surfaces▪ functional▪ no risk of corrosion▪ solvent-free▪ bitumen-free
Base	Butyl rubber with aluminium-coloured protective film.
Restrictions	Butyl rubber adhesive tapes are sensitive to solvents. When used for sealing against water, the possibility of standing water on the sealing tape must be ruled out. Covering is recommended to provide permanent protection against UV and weathering.
Processing	<p>The bonding surfaces must be sound, dry and free of dust and grease. Pre-coat absorbent and porous substrates with Wi-Primer V-12 or Wi-Primer V-01. Clean non-absorbent surfaces with Wisaclean R 216 or Wisatyp TL 16.</p> <p>Carefully remove the masking film and apply the butyl tape to the substrate using light pressure, preferably with a pressure roller. Avoid air bubbles, folds and creases and roll out as neatly as possible. Cross-laying in the roof area must be avoided (risk of being pushed off by snow loads).</p> <p>To avoid a possible loss of adhesive strength, make sure that the tape adheres to the contours of the substrate after installation. When overlapping the tapes, ensure that there is at least 5 cm of overlap.</p>
Thickness	ca. 0.8 mm
Bond strength	100 % after ca. 24 h
Solid content	100 %
Watertightness	meets the requirements of EN 1928, internal

Watertightness after ageing	meets the requirements of EN 1928 and EN 1847, internal
Tensile strength of an initiated rupture	≥40 N acc. to EN 12310-2, internal
μ-value	≥300.000 acc. to 1931, internal (water vapour diffusion resistance coefficient)
Breaking elongation	≥20 % acc. to EN 12311-2
Tensile strength	ca. 90 N/mm ² acc. to ASTM D 882
Shear force 180 °	≥11 N/10 mm acc. to ASTM D 3330
Fire behaviour	fire classification E acc. to EN 11925-2 and EN 13501-1, internal
Temperature resistance	from -20 °C up to +70 °C
Processing temperature	recommended from +5 °C up to +30 °C
Recoatability	Recoatable with suitable paints. Paints (including plasters, adhesives, etc.) applied to the product must be chemically compatible with butyl. It is advisable to test the compatibility with the colours concerned before application. The plastic properties of butyl can cause cracks in the paint surface as butyl is much softer than paint.
Colour	Cover film: aluminium coloured Butyl: grey

Standard stock dimensions

Width	MOQ*	Packing unit	Item no.
50 mm	10 m	20 rolls of 10 m = 200 m	BBA 46.050.10
75 mm	10 m	10 rolls of 10 m = 100 m	BBA 46.075.10
100 mm	10 m	10 rolls of 10 m = 100 m	BBA 46.100.10
150 mm	10 m	5 rolls of 10 m = 50 m	BBA 46.150.10
200 mm	10 m	5 rolls of 10 m = 50 m	BBA 46.200.10

***MOQ** = minimum order quantity (1 roll)

Further widths from 10 mm to 1000 mm or other roll lengths with corresponding quantities are possible on request.

Further information



You can find more information about this product (link to the product on our homepage, safety data sheet, certificates, special enquiries etc.) under the adjacent ISOPIN QR code.

Shelf life

In closed original packaging, protected from direct sunlight and stored in a dry place between +15 °C and +25 °C, the official shelf life is 24 months from date of production.

Observe: All information is based on careful examinations in the labs and our previous practical experience. They are non-committal notes. Due to the many materials that are marketed and the different processing methods, which we cannot influence, we can, of course, not assume any warranty, including under patent-law, for the result of your work. We recommend performing sufficient own tests to find out if the product meets the respective requirements. In addition, we refer to our terms and conditions of sale, delivery and payment, available at www.wisabax.ch/agb.html. © Wisabax AG - This technical data sheet replaces all older versions.

Have you noticed an unclear formulation or an error? Thank you for your feedback. In case of doubt, the German version of the technical data sheet applies.