

Butyl tape as primary seal for sealing the edge of the glazing unit

Application areas

Wikofix-BBI is a high-quality, ready-to-use butyl tape

- for the inner seal (primary seal) of double and multi-pane insulating glass in accordance with DIN EN 1279-2 and -3
- ideal for insulation glass production, glass construction
- furthermore suitable for automotive industry, container construction, shipbuilding industry, roof construction, window manufacture, façade construction, greenhouse construction, apparatus construction

Product benefits

- extremely low water vapor and gas permeability
- ready for immediate use and functional
- durable plastic
- self-adhesive, high initial adhesion
- good adhesion to smooth surfaces (glass, aluminium, galvanised and stainless steel etc.) like also on porous surfaces
- impeccable for maintaining space during assembly
- shrinkage-free
- solvent-free
- corrosioninhibiting
- good UV and ageing resistance
- good water resistance
- physiologically harmless

Base

polyisobutylene, non-post-curing

Restrictions

Butyl rubber adhesive tapes are sensitive to solvents.
For special substrates, particularly coated glass or surface treated spacers, please contact us.

Processing

The bonding surfaces must be sound, dry and free of dust and grease.
Clean non-absorbent surfaces with Wisaclean R 216 or Wisatyp TL 16 (ideal for glass). Only use a dry, lint-free, non-staining cloth, cotton or pulp for cleaning.

For this purpose, we recommend Wisaclean cleaning paper RP 2033.12.
Change the cleaning paper, cloth or similar regularly to prevent dirt residues from being carried over.

Carefully remove the masking film and apply the butyl tape to the substrate using light pressure; apply the second adhesive surface and bond with sufficient contact pressure. Do not press the tape too flat.

To guarantee quality, bubbles, folds and creasing are absolutely unacceptable; if necessary replace the tape with an undamaged one.

We recommend Wikosil-IGS or a suitable 2C sealant for insulating glass as a secondary sealant for air-filled panes.

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.

good to know...	Butyl adhesive tapes are inherently elastic, do not support elastic loads and cannot replace the use of assembly adhesives or mechanical fasteners. The mechanical load-bearing capacity of butyl rubber adhesives decreases with increasing temperature.
Density	ca. 1.2 g/cm ³
H₂O-Diffusion	water vapour permeability 0.1 g/(m ² *d) acc. to EN 1279.4
Gas permeation	<0.01 g/m ² / 24 h acc. to EN 1279.4
Tear strength	ca. 80 N acc. to DIN 52451
Bonding release value	ca. 23 N acc. to DIN 52451
Fogging behaviour	without visual fogging acc. to EN 1279.6
Temperature resistance	from -30 °C up to +70 °C
Processing temperature	recommended from +10 °C up to +30 °C
Colour	black

Standard stock dimensions

Width	Thickness	MOQ*	Packing Unit	Item no.
2 mm	1 mm	1 PU	22 rolls of 70 m = 1540 m	BB 29.0102

*MOQ = minimum order quantity (total packing unit)

Other dimensions possible with corresponding quantities.

Further information



More information about this product (current technical data sheet, safety data sheet, certificates, product variants, etc.) can be found via the adjacent QR code.

Storage / Shelf life

In closed original packaging, protected from direct sunlight and stored in a dry place between +15 °C and +25 °C. The product has an almost unlimited shelf life and is functional.

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.