

OTTO Window tape Vario Duo

The full-surface, self-adhesive window tape for RAL assembly

Fabric reinforced tape with alternate self-bonding to the frame and full-surface bonding to the reveal

For indoor and outdoor application

BAB-VD

Characteristics

- ▶ Good flexibility
- ▶ Variable humidity fabric
- ▶ Can be covered with plaster
- ▶ Alkali-resistant

Fields of application

- ▶ Structural connection according to the window and door mounting regulations
- ▶ For sealing of joints around windows and doors indoors and in exterior areas
- ▶ Suitable for use with OTTOPUR PU foams

Standards and tests

- ▶ Complies with the guidelines of RAL assembly

Technical properties

Colour	black
Processing temperature from/to [°C]	- 10 / + 30
Maximum tensile power lengthwise (EN 12311-1:2001) [N]	> 100
Maximum tensile power crosswise (EN 12311-1:2001) [N]	> 140
Expansion lengthwise (EN 12310) [%]	> 100
Expansion crosswise (EN 12310) [%]	> 125
Watertightness against driving rain (according to EN 1027) [Pa]	1050
Airtightness according to DIN EN 1026 [m³/(h*m*[daPa]n)]	0
Variable vapour permeability (EN 12572) [m]	0,5 - 25 ¹
Waterproof (EN 1928:2002 met. B) [KPa]	2
Water vapour resistance (EN 1928:2002 met. B) [kg/(m²*s)]	~ 2,92 * 10 ⁻⁸
UV resistance [months]	9 ²
Temperature resistance from/to [°C]	- 30 / + 80



Shelf life at 23 °C/50 % RH 18³
[months]

- 1) SD value depends on air humidity
- 2) in the undeveloped state
- 3) from production

These data are not suitable for the issue of specifications.
Please contact OTTO-CHEMIE before issuing specifications.

Pretreatment

The adherent surfaces have to be clean, free from fat, dry and sustainable.

The adhesive surfaces must be cleaned and any contamination such as release agents, preservatives, grease, oil, dust, water, old adhesives/sealants and other substances impairing adhesion must be removed. Cleaning of non-porous substrates: Clean with OTTO Cleaner T (no flash-off time required) and a clean, lint-free cloth.

Important information

For optimum pre-treatment of the wall reveal, please use the OTTO spray primer

Application information

The self-adhesive strip shows good adhesion to materials commonly used for window frames, such as wood, plastic and metal. For bonding to masonry, this system requires a mineral smooth coat and pre-treatment with OTTO spray primer to achieve a good bond on such substrates. Before inserting the frame, cut the structural attachment tape for all four sides in one piece (inside and outside) all around with an excess of at least 10 cm and stick it to the frame with the self-adhesive strip on the outside and inside with the help of a pressure roller. For the airtight connection in the reveal corners (at the transition from the window frame to the masonry), the most reliable way to form the corner is a loop. Here it is recommended to implement a loop length of 1.5 times the joint width in the corners to be able to compensate for the change of direction in the wall reveal (folding and tension-free). Now the frame can be set into the wall or reveal opening. After that, the frame can be aligned, mechanically fixed and the gap filled with assembly foam. Avoid overdosing the foam, otherwise the tapes will be pushed away by the foaming. Now the mineral smooth coat in the reveal can be pre-treated in strip width with OTTO spray primer. The tapes are then inserted into the pre-primed wall reveal with a slight relief loop (at the transition between the window frame and the masonry) over the entire surface and free of bubbles using a pressure roller and thus are set in place. Early rain resistance is given by the OTTO spray primer.

During application and vulcanization of the adhesive the ambient temperature and also the temperature of the surfaces of structural elements should have at least + 5 °C.

Due to the many possible influences during and after application, the customer always has to carry out trials first.

Packaging

Width	Order unit (OU)	Packaging unit (PU)	Order code
75 mm	1 roll, each 50m	5 rolls, each 50m	BAB-VD-75
100 mm	1 roll, each 50m	4 rolls, each 50m	BAB-VD-100
150 mm	1 roll, each 50m	2 rolls, each 50m	BAB-VD-150

Disposal

Product residues can be disposed of along with industrial waste as mixed plastics. Packaging materials (cardboard boxes, foils) are recyclable and hence should be recycled.

Warranty information

The above information and our technical application advice, whether verbal, in writing or by means of tests, are provided to the best of our knowledge, but are non-binding, including with regard to any third-party property rights. The information in this publication does not exempt the processor from carrying out their own tests on our products with regard to their suitability for the intended processes and purposes. The application, use and processing of our products and the products manufactured on the basis of our technical application advice are beyond our control and are therefore the sole responsibility of the processor. If the application for which our products are used is subject to an official authorisation requirement, the user is responsible for obtaining these authorisations. We reserve the right to adapt the product to technical progress and new developments. For the rest, we refer to our General Terms and Conditions, in particular with regard to any liability for defects. You can find our GTC at www.otto-chemie.de.