

OTTO Window Tape

Outside

Technical Datasheet

- Characteristics:**
- Fleece covered tape with good flexibility
 - **High vapour permeability**
 - Can be covered with plaster and painted
- Fields of application:**
- Structural connection according to the window and door mounting regulations
 - Sealing of joints around windows and doors in exterior areas
 - Levelling of irregularities by bonding with the highly pasty dispersion acrylic OTTOCOLL® A 770 in the window case
- Standards and tests:**
- Conform to the window and door mounting regulations and is closed to vapour diffusion according to DIN EN ISO 12572
 - Test certificate of the Office for material testing North-Rhine-Westphalia, Germany (MPA NRW)
- Important information:** With OTTOSEAL® M 360 we offer a hybrid-sealant, which is especially suitable for a soon rainproof bonding of Window Tapes.
- Technical properties:**
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|---|-------------|
| Temperature resistance from/to [°C] | - 30 / + 80 |
| Processing temperature from/to [°C] | + 5 / + 35 |
| Maximum tensile power lengthwise [N/5 cm] | > 380 |
| Maximum tensile power crosswise [N/5 cm] | > 70 |
| Breaking expansion lengthwise [%] | > 10 |
| Breaking expansion crosswise [%] | > 160 |
| Watertightness against driving rain (according to EN 1027) [Pa] | ≥ 1050 |
| Water pressure resistance at a water column of (EN 20811) [cm] | > 200 |
| Water vapour diffusion equivalent air layer SD [m] | ~ 0,1 |
| Colour | white |
| Shelf life at 23 °C/50 % RH [months] | 12 |
- 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. All adherent surfaces must be clean and any contaminant such as release agents, preserving agents, grease, oil, dust, water, old adhesives or sealants and other substances which could affect adhesion, should be removed. Cleaning of non-porous substrates: Apply OTTO Cleaner T (airing time approx. 1 minute) using a clean, lint-free cotton cloth. Cleaning porous substrates: Clean surfaces with steel-wire brush e. g. or a grinding disk to remove loose particles.
- Application information:** The self-adhesive strip shows good adhesion to materials commonly used for window frames, such as wood, plastic and metal.

Moisten absorbent substrates before bonding with OTTOCOLL® A 770. For the pre-treatment of highly absorbent substrates OTTO Primer 1105 or a homogeneous mixture of one part of OTTOCOLL® A 770 and 2 parts of water can be used.

Before installing the window frame please cut the Window Tape on all four sides leaving a surplus of at least 5 to 10 cm and attach it carefully to the faceside of the window frame with the self-adhesive strip. Then put the window frame into the embrasure. Make sure that the surplus material of the tape is folded back at the corners. Now adjust the window frame and fill the cavities between window and wall by using PU-foam. Be careful not to overdose PU-foam to avoid the tapes to be pushed aside during vulcanization of PU-foam.

Afterwards the tapes are bonded with a movement loop to the embrasure with OTTOCOLL A 770. Press the end of the tape to OTTOCOLL A 770 making sure that the end of every tape is completely embedded.

Attention: OTTOCOLL® A 770 does not withstand the impact of rain during and / or shortly after the application.

For a joint width of approx. 10 - 25 mm: use the 70 mm-tape, for a joint width of approx. 10 - 45 mm: use the 100 mm-tape.

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:

Tape width: 70 mm / Tape length: 40 m / Content of box: 200 m (5 x 40 m)

Tape width: 100 mm / Tape length: 40 m / Content of box: 120 m (3 x 40 m)

Tape width: 150 mm / Tape length: 40 m / Content of box: 80 m (2 x 40 m)

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:

All information in this publication is based on our current technical knowledge and experience. However, since conditions and methods of use and application of our products are beyond our control, we suggest that you test the product before final use. Information given in this technical data sheet and explanations of OTTO-CHEMIE in connection with this technical data sheet (e.g. service description, reference to DIN regulations etc.) is not to be seen as a warranty. Warranties require a separate written declaration of OTTO-CHEMIE to prove their validity. The characteristics stated in this data sheet define the characteristics of the article broadly and conclusively. Suggestions of use are not to be taken as confirmation of the appropriateness for the recommended intended use. We reserve the right to alter the product, adjusting it according to technical progress and new developments. We are at your disposal both for inquiries as well as specific application problems. If a governmental approval or clearance is necessary for the application of our products, the user is responsible for the obtainment of such. Our recommendations do not excuse the user from the obligation to take into consideration the possibility of infringement of third parties' rights and - if necessary - resolving it. For the rest our general terms and conditions apply, in particular regarding a possible liability for defects. You can find our general terms and conditions on our homepage: <http://www.otto-chemie.de/en/terms-and-conditions>