

EGOVLIES TAPE WANDANSCHLUSSBAND

is a self-adhesive, dimensionally stable, thermoplastic, butyl-rubber-based sealing tape that is permanently laminated with a synthetic fleece for reinforcement and to reduce surface tackiness. The sealing tape can be plastered over and painted over, making it ideal as an invisible sealant in plastered masonry, especially in the window connection area.

CHARACTERISTICS

This combination results in optimal properties:

ageing-resistant · with proper and professional use, EGO Butyl has an almost unlimited service life · bitumen-free · easy to process
 single-sided self-adhesive · decoupling · sound-damping · odorless · good adhesion and compatibility with most known materials
 high water-vapour diffusion tightness · solvent-free · mechanical reinforcement · non-corroding · physiologically harmless · plastic
 (plastically deformable) · crack-bridging · sound-insulating · immediately functional · dimensionally stable · water-resistant · water-
 proof · provides insulation · weather-resistant

APPLICATION AREAS

EGOVLIES TAPE WANDANSCHLUSSBAND is suitable for plastered or clad sealing of window and wall connections, chimney enclosures, sheet metal joints, and connection joints in canopies. Furthermore, the sealing tape is suitable for sealing roof, greenhouse, and shed roof glazing. In principle, the sealing tape is suitable for universal sealing of wall, roof, parapet, and connection constructions. The sealing tape should be painted over, plastered over, or clad.

Areas of application:

Connection constructions · parapet · sheet metal joints · roof · window connection · greenhouse · chimney · shed roof · canopies
 wall connection

APPLICATION NOTES

The bonding surfaces must be dry, load-bearing, dust- and release-agent-free. On porous substrates such as concrete, plaster, etc., adhesion can be increased by pre-treatment with EGO BUTYLPRIMER PRO or EGO BUTYLPRIMER ECO (solvent-free). For an increase in adhesion, please refer to the primer table. The adhesion build-up on the substrate occurs purely physically and can be improved by firm pressing or rolling, or further increases automatically over time. The temperature behavior is typical of thermoplastics, i.e., with increasing temperature, higher tackiness occurs along with a softer material consistency. The sealing tape is applied to the primed substrate with a 5 cm overlap. Butyl residues on substrates or tools can simply be dabbed off with butyl. Difficult-to-remove contaminations can be removed mechanically, e.g., with a sharp knife moistened with water, and are best cleaned with cleaning gasoline. Compatibility with other construction materials is only guaranteed when using the recommended EGO products. Our material properties list provides an overview of all necessary information and a detailed comparison of our EGO butyl products.

NORMS AND TESTS

EGOVLIES TAPE WANDANSCHLUSSBAND corresponds to the:

IVD Instruction Sheets:

- No. 3-2, 5, 25, 29, 35

Compatibility:

- with bitumen in accordance with DIN EN 1548

SUSTAINABILITY

VOC emission according to:

- EMICODE EC1 PLUS
- AgBB scheme [loading 0.007m²/m³]
- French VOC Class A+ and CMR-Regulation

BMS product verifications:

- DGNB New Building 18 and DGNB New Building 23
- QNG Plus Version
- BNB - Assessment System for Sustainable Building
- EU taxonomy
- LEED v4.1
- BREEAM DE New Build 2018 & BREEAM International 2016

Listing in the DGNB Navigator:

- EGOVLIES TAPE is listed in the DGNB Navigator.
- EGOVLIES TAPE has been awarded the DGNB Navigator label with the registration code: DUMT8P.

Environmental Product Declaration [EPD]:

- Sample EPD [Products based on butyl chemistry]



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions)

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TECHNICAL DATA

Product properties	Results	in accordance with
Base material sealant	butyl rubber, polyisobutylene (PIB)	
Base material fleece	synthetic fleece	
Application Temperature	+5 °C to +30 °C	
Service Temperature	-40 °C to +100 °C	
Viscosity	stable	DIN EN ISO 7390
Solids Content	> 99 %	DIN EN ISO 10563
μ - Wert	approx. 766000	DIN EN ISO 12572
Sd-value [m]	Sd = μ x d	d = thickness of the tape [m]
Building material class	B2, normal flammability	DIN 4102
Post-treatment	Bonding using a cementitious tile adhesive	
Butyl properties	Results	in accordance with
Long-term durability [after 1,000 h]	very good no cracking no breaking no reduction of tack	DIN EN ISO 4892-2:2013
Flexural resistance [after 100 h at +90 °C and 5 h at -30 °C]	no cracking no breaking	

* For additional butyl properties, please refer directly to the corresponding EGO datasheet.

AVAILABILITY AND STORAGE

Standard color of the butyl	grey			
Standard color of the film	white			
Standard Dimensions	Thickness x Width	Meters/Roll	Roll/Carton	Meters/Carton
	1,5 x 50 mm	10	12	120
	1,5 x 75 mm	10	8	80
	1,5 x 100 mm	10	8	80
	1,5 x 150 mm	10	4	40
	Special sizes on request.			
Storage	Rolls can be stored horizontally, dry and protected from dust: <ul style="list-style-type: none"> ■ 24 months [at +20 °C] Protect against mechanical damage.			
Dimensional tolerances	Width: ± 2.0 mm Thickness: ± 0.3 mm			

SAFETY INFORMATION

Complies with	Regulation [EC] No 1907/2006 [REACH]
Not hazardous according to	Regulation [EC] No 1272/2008 [CLP]
Not subject to labeling according to	Regulation [EC] No 1272/2008 [CLP]
Safety instructions	see SDS
Disposal instructions	see SDS

For warnings see EC safety data sheet. The above information is the result of thorough research; previous information is hereby invalidated. Check for yourself whether the product is suitable for your purposes. Our possible liability is limited to the value of our product as such. We cannot accept any liability for indirect damage, in particular for the use or unusability of the product. No one is authorized to make recommendations or assurances on our behalf that go beyond the content of our information sheets.