

## EGOV LIES WANDANSCHLUSSBAND

is a self-adhesive, volume-stable, thermoplastic sealing tape based on butyl rubber, permanently laminated with a synthetic fleece for reinforcement and to reduce surface tackiness. Due to the fleece's compatibility with plaster and paint, the sealing tape is ideally suited as an invisible sealant in plastered masonry, particularly in window connection areas.

### CHARACTERISTICS

**EGOV LIES WANDANSCHLUSSBAND is characterized by excellent universal properties:**

aging-resistant · when applied correctly and professionally, EGO Butyl offers an almost unlimited service life · bitumen-free · easy to process · one-sided self-adhesive · soundproofing · odorless · good adhesion and compatibility with most known materials · high water vapor diffusion resistance · long-term durable · solvent-free · mechanically reinforced · non-corrosive · physiologically harmless plastic · immediately functional · volume-stable · water-resistant · waterproof · has insulating properties

### APPLICATION AREAS

For plastered or covered sealing of window and wall connections, chimney flashings, metal joints, connection joints on canopies, as well as in sanitary areas. The sealing tape is also suitable for sealing roof, greenhouse, and sawtooth roof glazing. In general, the sealing tape is suitable for universal sealing of wall, roof, parapet, and connection constructions. The tape should be painted over, plastered, or covered.

### APPLICATION NOTES

The bonding surfaces must be dry, stable, free of dust and separating agents. On porous substrates such as concrete, plaster, etc., adhesion can be improved by pre-treating with EGO BUTYLPRIMER PRO or EGO BUTYLPRIMER ECO (solvent-free). For increased adhesion, please refer to the primer selection chart. Adhesion to the substrate occurs purely through physical contact and can be improved by firmly pressing or rolling the tape, and it will further increase automatically over time. The temperature behavior is typically thermoplastic, meaning that as temperature increases, the material becomes stickier and softer in consistency. Crosswise installation on roofs should be avoided, as there is a risk of displacement due to snow or ice loads. When covering joints, the adhesive surface of the sealing tape must extend at least 20 mm on both sides of the joint (gap) on smooth, non-absorbent substrates, and at least 30 mm on porous, absorbent substrates. The adhesive zone can be plastered over up to approx. 30 mm width and max. 8 mm thickness (do not plaster over the movement zone). For overlapping joints between tapes, the fleece contact surface must be pretreated with EGO BUTYLPRIMER PRO. In outdoor applications, the fleece must be painted over, plastered, or covered – permanent exposure to weather without protection is not recommended. Butyl residues on substrates or tools can be dabbed off with butyl itself. More stubborn contamination can be mechanically removed (e.g., with a sharp, water-moistened knife) and is best cleaned with white spirit. Compatibility with other building materials is only guaranteed when using the recommended EGO products. Our material properties list provides a comprehensive overview of all necessary information and a detailed comparison of our EGO Butyl products.

### NORMS AND TESTS

**EGOV LIES WANDANSCHLUSSBAND corresponds to the:**

**IVD Instruction Sheets:**

- Nr. 3-2, 5, 9, 19-1, 19-2, 24, 25, 29, 31, 35

**Compatibility:**

- with bitumen in accordance with DIN EN 1548

### SUSTAINABILITY

**VOC emission according to:**

- AgBB
- French VOC Class A+ and CMR-Regulation

**Product verifications:**

- LEED Building Design and Construction V4 [2015]
- BNB BN 2015 [quality level 5/5]
- DGNB NBV 2015 [quality level 4/4]
- BREEAM International New Construction 2016
- DGNB New Buildings 2018 [quality level 4/4]



\*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)

### TECHNICAL DATA

Product-Properties	Result	In accordance with
Sealant base material	Butyl rubber, Polyisobutylene (PIB)	
Fleece base material	Synthetic random fleece	
Application temperature	+5 °C to +30 °C	
Temperature resistance	-40 °C to +100 °C	
Viscosity	non-sag	DIN EN ISO 7390

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Product-Properties	Result	In accordance with
Solids content	> 99 %	DIN EN ISO 10563
$\mu$ -value	min. 766000	DIN EN ISO 12572
Sd-value (m)	$Sd = \mu \times d$	d = thickness of the tape (m)
Building material classification	B2, normally flammable	DIN 4102
Post-treatment	Paintable with zinc-dust and dispersion paint	

Butyl-Properties	Result	In accordance with
Density	approx. 1,4 g/cm <sup>3</sup>	DIN EN ISO 1183-1
Shore 00 hardness	approx. 45	DIN EN ISO 868
Compressive strength	> 0,08 N/mm <sup>2</sup>	LAB-01 [based on NF P30-303]
Peel strength	approx. 70 (0,1mm)* Butyl 30x30mm	LAB-06 [based on DIN EN 29862]
Penetration (150g, 23°C, 5sec)	approx. 45 N/25mm *	DIN 51580
UV, weather and long-term resistance (after 1000 h)	very good no cracking no brittleness no loss of tack	DIN EN ISO 4892-2:2013
Flex resistance (after 100 hrs at +90°C and 5 hrs at -30°C)	no cracking no brittleness	

\* Average values, not intended for specification.

### AVAILABILITY AND STORAGE

Standard color of the butyl	grey			
Standard color of the fleece	white			
Packaging	thickness x width	Meters/Rolls	Rolls/Carton	Meters/Carton
	2 x 50 mm	18	6	108
	2 x 60 mm	18	6	108
	2 x 100 mm	18	2	36
	2 x 120 mm	18	2	36
	3 x 60 mm	12	6	72
	3 x 80 mm	12	4	48
	3 x 100 mm	12	2	24
	3 x 120 mm	12	2	24
	3 x 150 mm	12	2	24
Special profiles available upon request.				
Storage	Rolls can be stored lying down, dry, and dust-protected: ■ 24 months [bei +20°C] Vor mechanischer Beschädigung schützen.			
Dimensional tolerances	In width ± 2.0mm In thickness ± 0.3mm			

### 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.