

## EGOFORM KNETDICHT

is a mouldable thermoplastic kneading sealant based on butyl rubber. It can be kneaded easily and accurately in shape and allows fast and high-quality sealing possibilities for kitchen and sanitary connections. Its properties and components make EGOFORM excellently suited to "sustainable building", and it promises a long-lasting seal.

### CHARACTERISTICS

**EGOFORM has excellent properties:**

bitumen-compatible · bitumen-free · easy manual application · good adhesion and compatibility with most known materials · has an insulating effect · high water vapour diffusion impermeability · noise-insulating · non-corrosive · non-shrinking · odourless permanently sealed · physiologically harmless · plastic · resistant to ageing, weathering, UV and long-term exposure · self-sealing solvent-free · waterproof · water-resistant · when used properly and professionally, EGO Butyl has an almost unlimited service life

### APPLICATION AREAS

**EGOFORM** For sealing and fixing pipe breakthroughs and siphons in kitchens and bathrooms, as well as in industrial kitchens and wet areas. The kneading sealant can be moulded very well by hand, and can be used for sealing pipe breakthroughs, particularly in valves and drain pipes to prevent odours and dampen noise. As a permanent plastic seal for connections of drain pipes made of metal, plastic, clay, fibre cement and concrete, for wall and ceiling breakthroughs when laying pipes and cables, **EGOFORM** does not harden, and thus remains permanently sealed.

**Areas of application:**

balcony & patio drains · bathroom · clay & fiber cement drainage pipes · commercial kitchens · cracks in masonry, on doors & windows industrial wet areas · kitchen · repair applications in the vehicle & caravan sector · wall & ceiling openings for pipes

### APPLICATION NOTES

The bonding surfaces must be dry, stable, free of dust and de-bonding agents. 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 increased adhesion, please refer to the primer table.

EGOFORM is easy to use and no special tools are needed to apply it. Roll the material into a ball or similar shape by hand and press it into the points to be sealed, tap it afterwards with a blunt tool if required. EGOFORM is self-sealing and bonds very well with itself if you just lightly press on it with your finger. It is only possible to separate it again by cutting. To do this, wet a sharp knife with water. The adhesion build-up on the substrate is purely physical and can be improved by pressing or rolling on the substrate and increases again over time. The temperature behaviour is typically thermoplastic, i.e. with increasing temperature, a higher stickiness and softer material consistency is achieved. Simply dab off material residues on the substrates, tools and hands with EGOFORM.

Compatibility with other building materials is only guaranteed with the EGO products recommended for this.

Our list of material properties provides you with an overview of all the necessary information and a detailed comparison of our EGO butyl products.

### NORMS AND TESTS

**EGOFORM corresponds to the:**

**IVD-Instruction-Sheets:**

- No. 5, 29

**Compatibility:**

- with bitumen in accordance with DIN EN 1548

### SUSTAINABILITY

**VOC emission according to:**

- EMICODE EC1<sup>plus</sup>
- AgBB
- French VOC Class A+ and CMR-Regulation

**BMS product verifications:**

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

**Material requirements for QNG / Quality Seal for Sustainable Buildings:**

- Adhesives and sealants in interior rooms incl. TGA according to BNB\_BN\_1.1.6, Annex 1, Item 8 and QNG-313, Items 4.1, 4.2
- Adhesives and sealants for creating the airtightness of the façade in accordance with BNB\_BN\_1.1.6, Annex 1, Item 9 and QNG-313, Item 4.3



\*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
Material Basis	synthetic rubber, polyisobutylene [PIB]	
Density	approx. 1.7 g/cm <sup>3</sup>	DIN EN ISO 1183-1
Application Temperature	+5 °C to +30 °C	
Service Temperature	-40 °C to +100 °C	
Shore Hardness 00	approx. 30	DIN EN ISO 868
Penetration butyl [150g, 23°C, 5sec]	approx. 77 [0.1 mm]* Butyl 44x44mm	DIN 51580
Compressive Strength	> 0.05 N/mm <sup>2</sup>	LAB-01 [based on NF P30-303]
UV, weather and long-term resistance of butyl [after 1000 hrs]	very good no crack formation no breaking no reduction of the tack	DIN EN ISO 4892-2:2013
UV resistance [after 200 hours of UV radiation]	very good no crack formation no breaking no reduction of the tack	
Bending resistance of butyl [after 100 hrs at +90°C & 5 hrs at -30°C]	No crack formation No breaking	
Consistency	viscoplastic, easy to form	
Ignition Temperature	> 400 °C	DIN 51794
Building material class	B2, normal flammability	DIN 4102

\*Average values, not intended for specification

### AVAILABILITY AND STORAGE

Standard Color Butyl	light grey	
Standard Dimensions	Width x Height x Length	Piece/box
	44 x 44 x 340 mm [= 1 kg]	12
Storage	Rolls can be stored horizontally, dry and protected from dust: ■ 24 months [at +20°C]  Protect against mechanical damage.	

### 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.