

# Product Verification

## Sustainability

Self declared according to BNB BN 2015

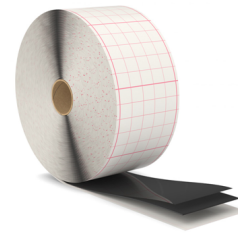
### Product Systems

#### EGOTAPE 4000

#### EGO Dichtstoffwerke GmbH & Co. Betriebs KG

EGOTAPE 4000 is a self-adhesive butyl tape that is stable in volume and laminated with a, highly tear-resistant HDPE-foil. The special film is crosslaminated and thus ensures high resistance to further tearing. For covering seals of construction / connection joints in industrial and construction areas, concrete and prefabricated concrete construction. The product is designed for: - Sealing at roofs, balconies, loggias, pergolas and porticos (e.g. for connections and end structures, roof lights, light strips, smoke and heat exhaust units, edge finishing structures and door connections based on DIN 18531) - Sealing of components in contact with soil (e.g. against soil humidity and nonpressuring water based on DIN 18533) - Sealing in indoor areas (e.g. connections and end structures, areas behind bath tubs or shower cubicles and transition zones on the basis DIN 18534 ) - Sealing of window connections - Noise reduction for window sills - Sealing of tube openings - Corrosion protection for tubes - Sealing in the field of air conditioning, ventilation, heating and cooling systems - Sealing against radon gas - Use as nail sealing tape Typical butyl characteristics for butyl products, such as UV resistance, longevity and odourlessness, make EGOTAPE 4000 stand out for butyl rubber products. EGOTAPE 4000 fulfills the requirements according to EMICODE EC 1 PLUS.

<https://www.ego.de/produkt/egotape4000>



## ■ Product Assessment

### Environmental Quality

#### Criteria

#### Product Verification

1.1.6 Local environmental impact (Updated on: 28.09.2017)

Quality level 5 of 5

Legend: yes = Product contributes toward satisfying the credit, N/A = Product not relevant in the credit, no = Credit requirements are not proven

## ■ Summary

### The product contributes to the certification:

- Achieved quality level in BNB Criteria 1.1.6 Local environmental impact for the entire product: Quality level 5 of 5

## Ecolabels & Product-Assessments

AgBB tested



EMICODE

EMICODE EC1plus



French VOC-Label A+



ISO 14001 - Environmental  
Management System



ISO 9001 - Quality  
Management System



SCAQMD Rule

## Product Properties

### Ingredients:

Percentage of the product's composition, that is known to the chemical ingredient level	100 wt%
SVHC according REACH < 0,1 %:	Yes
Recycled content post-consumer:	N/A
Recycled content pre-consumer:	N/A
Free (< 0,1 %) of polybrominated diphenyl ethers (= PBDE):	Yes
Free (< 0,1 %) of chlorinated paraffins (= CP inkl. SCCP, MCCP, LCCP):	Yes
VOC content according 2004/42/EG:	0 g/l
Content of VOC:	0 %
To what level of detail is the product composition known?	100 ppm
Rapidly renewable content	N/A
VOC content according 2004/42/EG:	0 g/m2
Non renewable virgin raw material content	N/A
Free (< 0,1 %) of biocidal:	Yes
Free (< 0,1 %) of polybrominated biphenyls (= PBB):	Yes
Free (< 0,1 %) of hexabromocyclododecane (= HBCD):	Yes
Free (< 0,1 %) of tris (2-carboxyethyl) phosphine (= TCEP):	Yes
Free (< 0,1 %) of lead:	Yes
Free (< 0,1 %) of cadmium:	Yes
Free (< 0,1 %) of chromium-VI compounds:	Yes

Free of solvent according to VdL-RL01:	Yes
Free (< 0,1 %) of aromatic compounds:	Yes
Free (< 0,1 %) from halogenated propellants:	Yes
Free (< 0,1 %) of tin:	Yes
Free (< 0,1 %) of halogenated flame retardants:	Yes
Content of solvents:	0 %
Free (< 0,1 %) of halogens:	Yes
Free of plasticizer according to VdL-RL01:	Yes
Free (< 0,1 %) of hydrocarbon (KWS) plasticizer:	Yes

### Manufacturer:

Environmental Management System according ISO 14001:	Yes
Are reverse logistics in place for the product?	No
Final manufacturing location of the product: latitude	47.490265047353574 ° DDD
Final manufacturing location of the product: longitude	11.177764890049371 ° DDD

### Emissions:

Formaldehyde emissions after 28 days according DIN EN 717-1:	0.002 mg/m <sup>3</sup>
R-Value according to AgBB:	0,0
TVOC after 3 days according ISO 16000-3 / AgBB:	0,02 mg/m <sup>3</sup>
TVOC after 28 days according ISO 16000-3 / AgBB:	0,005 mg/m <sup>3</sup>
SVOC after 3 days according ISO 16000-3 / AgBB:	N/A
SVOC after 28 days according ISO 16000-3 / AgBB:	N/A
Carcinogens 1A and 1B after 3 days according ISO-16000 / AgBB:	0,001 mg/m <sup>3</sup>
Carcinogens 1A and 1B after 28 days according ISO-16000 / AgBB:	0.001 mg/m <sup>3</sup>

### Circularity:

Has the product been designed for reuse, refurbishment or remanufacturing?	No
Is the product designed for a recycling of equal quality?	No
Was the product designed for biodegradation?	No
Was the product designed for clean incineration?	No

### Life Cycle Assessment:

Functional use period

N/A

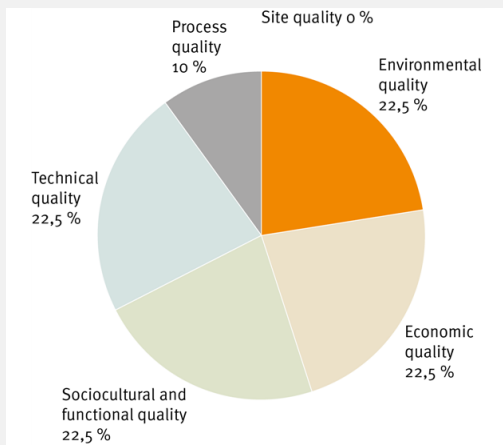
■ System description

In cooperation between the Bundesbauministerium/Bundesinstitut für Bau-, Stadt- und Raumforschung (BBSR) and the German Sustainable Building Council e. V. (DGNB) the System "Bewertungssystem Nachhaltiges Bauen (BNB)" for federal buildings was developed. The BNB system evaluates buildings holistically on the basis of individual criteria within the categories Ecological Quality, Economic Quality, Sociocultural and Functional Quality, Technical Quality, Process Quality and Location Quality. Buildings can achieve a certification in Bronze, Silver and Gold.

Source: [www.bnb-nachhaltigesbauen.de](http://www.bnb-nachhaltigesbauen.de)

■ System categories

Category Weighting



Category

Category considered in product verification

Environmental quality	Yes
Economic quality	No
Sociocultural quality	No
Technical quality	No
Process quality	No
Site quality	No

Source: BNB 2015

# Detailed Verification

Self declared according to BNB BN 2015

## Environmental Quality

### 1.1.6 Local environmental impact (Updated on: 28.09.2017)

Achieved quality level in BNB Criteria 1.1.6 Local environmental impact for the entire product:

EGOTAPE 4000	Quality level 5 of 5
--------------	----------------------

Achieved quality level in BNB Criterion 1.1.6 Local environmental impact:

EGOTAPE 4000	Quality level 5
--------------	-----------------

Manufacturer statement regarding REACH is available:

EGOTAPE 4000	Yes
--------------	-----

Row 9: On-site processed adhesives and sealants - Adhesives and sealants for the creation of airtightness on the facade inside and outside: z. B. PU, PU hybrid, MS polymer, SMP or similar

Achieved quality level in BNB 1.1.6 Row 9 for the entire product:

EGOTAPE 4000	Quality level 5
--------------	-----------------

Achieved quality level in BNB 1.1.6 Row 9:

EGOTAPE 4000	Quality level 5
--------------	-----------------

Adhesives and sealants ( PU, PU hybrid, MS polymer, SMP or the like) - for making the façade airtight (BNB BN 2015 1.1.6 Row 9):

EGOTAPE 4000	Yes
--------------	-----

The product is a PU adhesive:

EGOTAPE 4000	No
--------------	----

Free of polybrominated diphenyl ethers (= PBDE), , Polybromierte Biphenyle (= PBB) and Tris-(2-carboxyethyl)-phosphin (= TCEP):

EGOTAPE 4000	Yes
--------------	-----

Free of chlorinated paraffins (CP):

EGOTAPE 4000	Yes
--------------	-----

Certified EMICODE standard:

EGOTAPE 4000	EMICODE EC1PLUS
--------------	-----------------

Certified with EMICODE EC1/EC1PLUS, EC1-R/EC1PLUS-R:

EGOTAPE 4000	Yes
--------------	-----

VOC content:

EGOTAPE 4000	$\leq 0$ g/l
--------------	--------------



#### ■ Contact Details Manufacturer

##### EGO Dichtstoffwerke GmbH & Co. Betriebs KG

Kaltenbrunn 27  
82467 Garmisch-Partenkirchen  
DE  
<http://www.ego.de/>



#### ■ Disclaimer

This verification is the evaluation and ranking of products in terms of the certification system BNB 2015 (New construction of office buildings). The BNB (Bewertungssystem Nachhaltiges Bauen) generally does not certify products. Therefore the project team or the manufacturer is responsible to declare compliance with respect to the BNB criteria. Notice: This verification is generated by the Assessment Service of BMS. The distribution or publication by third parties is not permitted. The data sheet is not a BNB certification document. The information is based on the manufacturer's specifications. Despite a diligent treatment of all information BMS can not make any warranties about the completeness, reliability and accuracy of this information. The requirements of BNB can be interpreted differently and depend on the project and scope of application. Therefore, BMS cannot accept any liability for the evaluation in terms of the BNB criteria. The user of the data sheet, the user / purchaser of the product and the consultant / planner, who is advising on this product has the duty to check the product for the intended application at their own responsibility. When a new version of this product verification is produced, the previous version loses its validity.