

# Product Verification

## Sustainability

Self declared according to DGNB NBV 2015

### Product Systems

#### EGOBON 217

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

EGOBON 217 is a self-adhesive, butyl rubber based sealant extruded as sealing tape in e. g. rectangular profiles (in thickness from 0,5 to 40 mm, in width from 3 to 400 mm and up to a length of 200 m) or in circular profiles (up to 80 mm diameter). The requirements for the universal butyl are equally met on glass, concrete, metal, stone and various plastics and make EGOBON 217 an absolutely versatile product among the butyl qualities. EGOBON 217 is particularly characterised by excellent adjustment to different substrates. EGOBON 217 fulfills the requirements according to EMICODE EC 1 PLUS.

<https://www.ego.de/produkt/egobon217>



## ■ Product Assessment

### Environmental Quality (ENV)

#### Criteria

#### Product Verification

ENV 1.2 Local environmental impact (Updated on: 08.06.2017)

Quality level 4 of 4

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 DGNB Criteria ENV 1.2 Local environmental impact for the entire product: Quality level 4 of 4

## ■ Ecolabels & Product-Assessments

AgBB tested



EMICODE

EMICODE EC1plus



French VOC-Label A+



ISO 14001 - Environmental  
Management System



ISO 9001 - Quality  
Management System



## ■ Product Properties

### Ingredients:

VOC content according 2004/42/EG:	0 g/l
VOC content according 2004/42/EG:	0 g/m2
Percentage of the product's composition, that is known to the chemical ingredient level	100 wt%
SVHC according REACH < 0,1 %:	Yes
Recycled content pre-consumer:	N/A
Recycled content post-consumer:	N/A
To what level of detail is the product composition known?	100 ppm
Rapidly renewable content	N/A
Non renewable virgin raw material content	N/A
Free (< 0,1 %) of biocidal:	Yes
Free (< 0,1 %) of chlorinated paraffins (= CP inkl. SCCP, MCCP, LCCP):	Yes
Free (< 0,1 %) of polybrominated diphenyl ethers (= PBDE):	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 VOC:	0 %
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
Final manufacturing location of the product: latitude	47.49040302252478 ° DDD
Final manufacturing location of the product: longitude	11.176381088258779 ° 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>

### Life Cycle Assessment:

Functional use period	N/A
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### 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 clean incineration?	No
Was the Product designed for emission or direct dispersal?	No

Was the product designed for biodegradation?

No

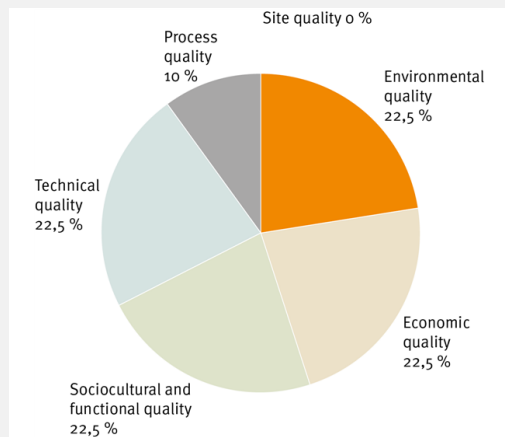
■ System description

The DGNB certification system was founded by the "German Sustainable Building Council" and first appeared on the market in 2008. The DGNB 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. Different profiles allow the certification of new buildings and existing buildings, as well as of quarters in Germany and Internationally. Buildings can achieve a certification in Bronze, Silver, Gold and Platinum. Up to now, more than 3,500 projects have been awarded by the DGNB (as of June 2018).

Source: [www.dgnb.de](http://www.dgnb.de)

■ System categories

Category Weighting



Category

Category considered in product verification

Environmental quality (ENV)	Yes
Economic quality (ECO)	No
Sociocultural and functional quality (SOC)	No
Technical quality (TEC)	No
Process quality (PRO)	Yes
Site quality (SITE)	No

Source: DGNB NBV 15

# Detailed Verification

Self declared according to DGNB NBV 2015

## ■ Environmental Quality (ENV)

### ■ ENV 1.2 Local environmental impact (Updated on: 08.06.2017)

Achieved quality level in DGNB Criteria ENV 1.2 Local environmental impact for the entire product:

EGOBON 217	Quality level 4 of 4
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Achieved quality level in DGNB Criterion ENV 1.2 Local environmental impact:

EGOBON 217	Quality level 4
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Row 13: Assembly adhesives and sealants on the facade, windows and exterior doors (provided by the customer). - Adhesive for the production of airtightness on the facade inside and outside: e.g. PU, PU hybrid, MS polymer, SMP or similar.

Achieved quality level in DGNB ENV 1.2 Row 13 for the entire product:

EGOBON 217	Quality level 4
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Achieved quality level in DGNB ENV 1.2 Row 13:

EGOBON 217	Quality level 4
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Adhesives and sealants (PU, PU hybrid, MS polymer, SMP or the like) - on the façade, windows and external doors (DGNB ENV1.2 Row 13):

EGOBON 217	Yes
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Free of chlorinated paraffins (CP):

EGOBON 217	Yes
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Content of VOC < 1 %:

EGOBON 217	Yes
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Content of VOC:

EGOBON 217	0 %
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Certified with EMICODE EC1/EC1PLUS, EC1-R/EC1PLUS-R:

EGOBON 217	Yes
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Certified EMICODE standard:

EGOBON 217	EMICODE EC1PLUS
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#### ■ Contact Details Manufacturer

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

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DE  
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#### ■ Disclaimer

This verification is the evaluation and ranking of products in terms of the certification system DGNB 2015 (New construction of office buildings). The DGNB (Deutsche Gesellschaft für Nachhaltiges Bauen) generally does not certify products. Therefore the project team or the manufacturer is responsible to declare compliance with respect to the DGNB 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 DGNB 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 DGNB 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 DGNB 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.