

# Product Verification

## Sustainability

Self declared according to DGNB Neubau 2018

### Product Systems

#### EGO SMP 805

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

EGO SMP 805 is a single-component, odourless adhesive & sealant that cures with the humidity in the air to form an elastic end product. It does not contain solvents, is free from silicone and isocyanate and provides high resistance against chemicals. For bonding and sealing in the field of construction and industry, for both indoor and outdoor applications, e.g. in metal, roof, camper van and concrete construction. Sealing for elastic connection joints in buildings and pedestrian paths. Can also be used on plaster, gypsum, ceramics, timber, glass, enamel, zinc, lead, stainless steel, HPL high-pressure laminates, hard PVC, aluminium, galvanised sheet metal, fibre-reinforced cement and various plastic substrates. Well suited for bonding of construction foils, rails/strips and panels. If to be used with porous natural stone or some types of plastics, such as PA, PS, EPDM, please perform your own application-related tests and trials or consult us. EGO SMP 805 fulfills the requirements according to EMICODE EC 1 PLUS.

<https://www.ego.de/produkt/egosmp805>



## Product Assessment

### Environmental Quality (ENV)

#### Criteria

#### Product Verification

ENV 1.1 LBuilding life cycle assessment (Updated on: 16.07.2018)	EPD available: Yes
ENV 1.2 Local environmental impact (Updated on: 05.01.2022)	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:

- The product has an Environmental Product Declaration (EPD) which can be used to calculate the building life cycle assessment: EPD available: Yes
- Achieved quality level in DGNB 2018 Criteria ENV 1.2 Local environmental impact for the entire product: Quality level 4 of 4

■ Ecolabels & Product-Assessments

AgBB tested



EMICODE

EMICODE EC1plus



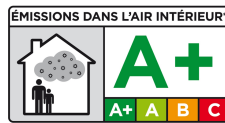
EPD



EPD Institut Bauen und  
Umwelt e.V.



French VOC-Label A+



ISO 14001 - Environmental  
Management System



ISO 9001 - Quality  
Management System



SCAQMD 1168



■ 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
Free (< 0,1 %) of chlorinated paraffins (= CP inkl. SCCP, MCCP, LCCP):	Yes
Content of solvents:	0 %
Free (< 0,1 %) of hydrocarbon (KWS) plasticizer:	Yes
Free (< 0,1 %) of polybrominated diphenyl ethers (= PBDE):	Yes
Free (< 0,1 %) of biocidal:	Yes
VOC content according 2004/42/EG:	0 g/l
VOC content according 2004/42/EG:	0 g/m <sup>2</sup>
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 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 halogenated flame retardants:	Yes
Content of VOC:	0 %
Free (< 0,1 %) of halogens:	Yes

#### Manufacturer:

Environmental Management System according ISO 14001:	Yes
Final manufacturing location of the product: latitude	47,4902251743193 ° DDD
Final manufacturing location of the product: longitude	11,177539584701767 ° DDD

#### Emissions:

Formaldehyde emissions after 28 days according DIN EN 717-1:	0,002 mg/m <sup>3</sup>
Carcinogens 1A and 1B after 28 days according ISO-16000 / AgBB:	0,001 mg/m <sup>3</sup>
R-Value according to AgBB:	0,00
TVOC after 3 days according ISO 16000-3 / AgBB:	0,005 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:	0,005 mg/m <sup>3</sup>
SVOC after 28 days according ISO 16000-3 / AgBB:	0,005 mg/m <sup>3</sup>
Carcinogens 1A and 1B after 3 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:

#### Other:

test

N/A

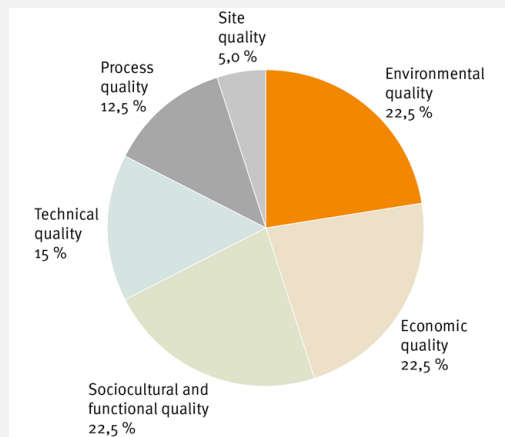
## System description

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



Source: DGNB 2018

### 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

# Detailed Verification

Self declared according to DGNB Neubau 2018

## ■ Environmental Quality (ENV)

### ■ ENV 1.1 LBuilding life cycle assessment (Updated on: 16.07.2018)

The product has an Environmental Product Declaration (EPD) which can be used to calculate the building life cycle assessment:

EGO SMP 805	EPD available: Yes
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An environmental product declaration exists for the product:

EGO SMP 805	Yes
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EPD Owner of the Declaration:

EGO SMP 805	DBC, EFCC, FEICA, IVK
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EPD Publisher:

EGO SMP 805	Institut Bauen und Umwelt e.V. (IBU)
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EPD Programme holder:

EGO SMP 805	Institut Bauen und Umwelt e.V. (IBU)
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EPD Declaration number:

EGO SMP 805	EPD-FEI-20220021-IBG1-EN
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EPD Issue date:

EGO SMP 805	01.06.2022
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EPD valid to:

EGO SMP 805	31.05.2027
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### ■ ENV 1.2 Local environmental impact (Updated on: 05.01.2022)

Achieved quality level in DGNB 2018 Criteria ENV 1.2 Local environmental impact for the entire product:

EGO SMP 805	Quality level 4 of 4
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Achieved quality level in DGNB 2018 Criterion ENV 1.2 Local environmental impact:

EGO SMP 805	Quality level 4
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Row 12: Adhesions of mechanically stressed joints over small areas; the areas glass construction, façade and fire protection are not considered here. Sealing compounds, sealing substances, adhesives for dot like and linear adhesions of components in the interior area. Acrylate sealing substances/adhesives and silicone sealing substances are what is meant here.

Achieved quality level in DGNB 2018 ENV 1.2 Row 12 for the entire product:

EGO SMP 805	Quality level 4
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Achieved quality level in DGNB 2018 ENV 1.2 Row 12:

EGO SMP 805	Quality level 4
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Adhesives and sealants (acrylate, silicone, SMP) - interior and technical building equipments (DGNB ENV1.2 Row 12):

EGO SMP 805	Yes
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Free of chlorinated paraffins (CP):

EGO SMP 805	Yes
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Content of solvent < 1 %:

EGO SMP 805	Yes
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Content of solvents:

EGO SMP 805	0 %
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Free (< 0,1 %) of KWS plasticizers:

EGO SMP 805	Yes
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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 2018 ENV 1.2 Row 13 for the entire product:

EGO SMP 805	Quality level 4
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Achieved quality level in DGNB 2018 ENV 1.2 Row 13:

EGO SMP 805	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):

EGO SMP 805	Yes
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Content of VOC < 1 %:

EGO SMP 805	Yes
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Content of VOC:

EGO SMP 805	0 %
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Content of halogenated propellants < 0,1 %:

EGO SMP 805	Yes
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Certified with EMICODE EC1/EC1PLUS, EC1-R/EC1PLUS-R:

EGO SMP 805	Yes
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Certified EMICODE standard:

EGO SMP 805	EMICODE EC1PLUS
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Certified with Indoor Air Comfort Gold:

EGO SMP 805	No
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#### ■ Contact Details Manufacturer

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

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



#### ■ Disclaimer

This verification is the evaluation and ranking of products in terms of the certification system DGNB 2018 (New construction building). 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.