Building Material Scout

Product Verification

Sustainability

Self declared according to LEED Building Design and Construction V4 (2015)

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 isocyanite 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

Materials and Resources

Criteria	Product Verification
MR Credit Life-Cycle Impact Reduction - Option 4: Whole-Building Life-Cycle Assessment	EPD available: Yes
MR Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration	50 % weighted value
MR Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization	100 % weighted value

Indoor Environmental Quality

Criteria	Product Verification
EQ Credit Low-Emitting Materials (except Healthcare and Schools)	Yes

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 under LEED MR Building Life-Cycle Impact Redcutions - Option 4: Whole-Building Life-Cycle Assessment: EPD available: Yes
- Weighted Product Value on Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration: 50 % weighted value
- Weighted Product Value on Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization: 100 % weighted value
- The entire product contributes toward satisfying EQ Credit: Low-Emitting Materials: Yes

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/m2
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
Free of plasticizer according to VdL-RL01:	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/m³
Carcinogens 1A and 1B after 28 days according ISO-16000 / AgBB:	0.001 mg/m³
R-Value according to AgBB:	0,00
TVOC after 3 days according ISO 16000-3 / AgBB:	0,005 mg/m³
TVOC after 28 days according ISO 16000-3 / AgBB:	0,005 mg/m³
SVOC after 3 days according ISO 16000-3 / AgBB:	0,005 mg/m³
SVOC after 28 days according ISO 16000-3 / AgBB:	0,005 mg/m³
Carcinogens 1A and 1B after 3 days according ISO-16000 / AgBB:	0,001 mg/m³

Life Cycle Assessment:

Functional use period	N/A

Circularity:

Other:

test	N/A

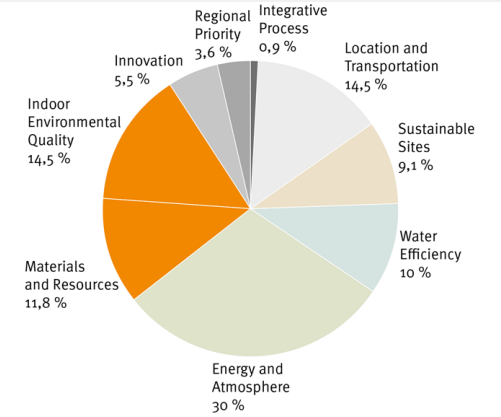
System description

This verification is the evaluation and ranking of products in terms of the certification system LEED version 4 (Building Design and Construction). The USGBC (U.S. Green Building Council) generally does not certify products. Therefore the project team or the manufacturer is responsible to declare compliance with respect to the LEED 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 LEED 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 LEED 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 LEED 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.

Source: www.usgbc.org

System categories

Category Weighting



Category	Category considered in product verification
Integrative Process (IP)	No
Location and Transportation (LT)	No
Sustainable Sites (SS)	No
Water Efficiency (WE)	No
Energy and Atmosphere (EA)	No
Materials and Ressources (MR)	Yes
Indoor Environmental Quality (EQ)	Yes
Innovation (IN)	No
Regional Priority (RP)	No

Source: LEED v4 - New Construction

Detailed Verification

Self declared according to LEED Building Design and Construction V4 (2015)

Materials and Resources

MR Credit Life-Cycle Impact Reduction - Option 4: Whole-Building Life-Cycle Assessment

The product has an Environmental Product Declaration (EPD), which can be used to calculate the building life cycle assessment under LEED MR Building Life-Cycle Impact Redcutions - Option 4: Whole-Building Life-Cycle Assessment:

EGO SMP 805	EPD available: Yes

An environmental product declaration exists for the product:

EGO SMP 805	Yes

EPD Owner of the Declaration:

EGO SMP 805	DBC, EFCC, FEICA, IVK

EPD Publisher:

EGO SMP 805	Institut Bauen und Umwelt e.V. (IBU)

EPD Programme holder:

EGO SMP 805	Institut Bauen und Umwelt e.V. (IBU)

EPD Declaration number:

EGO SMP 805	EPD-FEI-20220021-IBG1-EN

EPD Issue date:

EGO SMP 805	01.06.2022

EPD valid to:

EGO SMP 805	31.05.2027

MR Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration

Weighted Product Value on Credit BPDO - Environmental Product Declaration - Option 1: Environmental Product Declaration:

EGO SMP 805	50 % weighted value

An environmental product declaration exists for the product:

EGO SMP 805	Yes

EPD Type:

EGO SMP 805	Industry-wide (generic) EPD (Type III) conform to ISO 14025, 14040, 14044, and EN 15804 or ISO 21930

MR Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization

Weighted Product Value on Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization:

EGO SMP 805	100 % weighted value

The product contains no ingredients listed on the REACH Authorization list – Annex XIV, the Restriction list – Annex XVII and the SVHC candidate list. This is proved down to fully inventoried chemical ingredients to 100 ppm (0,01 %):

EGO SMP 805	Yes

The Product have fully inventoried chemical ingredients to 100 ppm and no Benchmark 1 hazard according to GreenScreen v1.2 Benchmark. The product is assessed with "GreenScreen List Translator":

EGO SMP 805	No

The Product have fully inventoried chemical ingredients to 100 ppm and no Benchmark 1 hazard according to GreenScreen v1.2 Benchmark. The product is assessed with "GreenScreen Assessment":

EGO SMP 805	No

Certified with Cradle to Cradle:

EGO SMP 805	No

Cradle to Cradle Standard Version:

EGO SMP 805	no entry

Cradle to Cradle Level:

EGO SMP 805	no entry

Indoor Environmental Quality

EQ Credit Low-Emitting Materials (except Healthcare and Schools)

The entire product contributes toward satisfying EQ Credit: Low-Emitting Materials:

EGO SMP 805	Yes

The product contributes toward satisfying EQ Credit 4: Low-Emitting Materials:

EGO SMP 805	Yes

Interior adhesives and sealants applied on site (including flooring adhesive)

The entire product contributes toward satisfying EQ Credit 4: Low Emitting Materials, Category Adhesives and Sealants:

EGO SMP 805	Yes

The product contributes toward satisfying EQ Credit 4: Low Emitting Materials, Category Adhesives and Sealants:

EGO SMP 805	Yes

The product is an adhesive or sealant:

EGO SMP 805	Yes

The adhesive or sealant is wet applied on the construction site:

EGO SMP 805	Yes

The application of the product is inside a building:

EGO SMP 805	Yes

The application of the product is outside of a building:

EGO SMP 805	Yes

VOC product type for adhesives & sealants according to LEED v4/WELL v1:

EGO SMP 805	Sealants Other

VOC content of product (less water):

EGO SMP 805	27.86 g/l

VOC content of product (less water):

EGO SMP 805	1.82 %

TVOC after 14 days:

EGO SMP 805	≤ 0.005 mg/m^3

Formaldehyde emissions according DIN EN 717-1:

EGO SMP 805	≤ 0.002 mg/m^3

Emission testing method according CDPH Standard Method v1.1-2010:

EGO SMP 805	No

Emission testing method according AgBB Testing and Evaluation Scheme (2010):

EGO SMP 805	Yes

Emission testing method according ISO 16000-3: 2010, ISO 16000-6: 2011, ISO 16000-9: 2006, ISO 16000-11:2006 either in conjunction with AgBB, or with French legislation on VOC emission class labeling:

EGO SMP 805	Yes

Emission testing method according DIBt testing method (2010):

EGO SMP 805	No

Contact Details Manufacturer

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DE
http://www.ego.de/

Disclaimer

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