

EGO HYBRID 815 STRUKTUR



In addition to the tests and certificates shown above, the product also complies with the building certification systems listed on the following pages and it therefore meets a wide range of requirements for sustainable building products.



ENVIRONMENTAL PRODUCT DECLARATION [EPD]

SHORT NAME EPD

PU 1

TITLE

Polyurethane and silane modified polymer based products, VOC free, group 1

**BASE MATERIAL
[MANDATORY]**

VOC: < 1 %
castor oil/-derivatives: < 10 %



DGNB - DEUTSCHE GESELLSCHAFT FÜR NACHHALTIGES BAUEN (GERMAN SUSTAINABLE BUILDING COUNCIL) VERSION 2015 AND 2018

CRITERIA

ENV 1.1 Life cycle assessment (updated 26.01.2017 and 16.07.2018)

RESULT

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

CRITERIA

ENV 1.2 Local environmental impact (updated on: 08.06.2017)

PRODUCT TYPE

Adhesives and sealants (acrylate, silicone, SMP) - interior and technical building equipments (DGNB ENV 1.2 Row 12) and Adhesives and sealants (PU, PU hybrid, MS polymer, SMP or the like) - on the facade, windows and external doors (DGNB ENV 1.2 Row 13)

RESULT

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

Chlorinated paraffins < 0.1 %, solvents < 1 % and PAH plasticisers < 0.1 %, VOC < 1 % and EMICODE® EC 1^{PLUS}.



BNB - BEWERTUNGSSYSTEM NACHHALTIGES BAUEN (Rating System Sustainable Building) VERSION 2015

CRITERIA

1.1.1/1.1.2/1.1.3/1.1.4/1.1.5/1.2.1 | Life Cycle Assessment (updated on 01.03.2017)

RESULT

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

CRITERIA

1.1.6 Local environmental impact (Updated on: 28.09.2017)

OVERVIEW TABLE

6. Adhesives and sealants - line no. 8

CONSTRUCTION PRODUCT TYPE

Adhesives and sealants made of PU, SMP (silane modified polymers), acrylate (including dispersion adhesives) or silicone for punctiform and linear bonding and sealing in the interior, including TGA.

OVERVIEW TABLE

6. Adhesives and sealants - line no. 9

CONSTRUCTION PRODUCT TYPE

Adhesives and sealants for the airtightness of facades inside and outside: e. g. PU, PU hybrid, MS polymer, SMP, etc. for punctiform and linear bonding of components for the airtightness of facades, windows and external doors.

RESULT

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

Biocide free, SVHC < 0.1 % and chlorinated paraffins < 0.1 %, halogenated blowing agents < 0.1 % and EMICODE® EC 1^{PLUS} or VOC < 1 %.



LEED BUILDING DESIGN AND CONSTRUCTION V3 [2009]

CRITERIA
INDOOR
ENVIRONMENTAL
QUALITY
ERGEBNIS

Adhesive or sealant

IEQ Credit 4.1: Low Emitting Materials: Adhesives and Sealants

The entire product contributes toward satisfying IEQ Credit 4.1: Low Emitting Materials: Adhesives and Sealants:
Yes



LEED BUILDING DESIGN AND CONSTRUCTION V4 [2015]

CRITERIA
MATERIALS &
RESOURCES
INDOOR
ENVIRONMENTAL
QUALITY
RESULT

Adhesive or sealant

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

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

EQ Credit Low-Emitting Materials [except Healthcare and Schools]

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 Reductions - 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



BREEAM INTERNATIONAL NEW CONSTRUCTION 2016

CRITERIA
HEALTH & WELLBEING
MATERIALS
ERGEBNIS

adhesives and sealants in interiors

Hea 02 Indoor air quality - Exemplary Level [GN22 V2.0 April 2016]

Hea 02 Indoor air quality - Exemplary Level [GN22 V2.0 April 2016]

Mat 01 Life cycle impacts

- The product contributes toward satisfying Hea 02 Indoor air quality: Yes
- The product contributes toward satisfying Hea 02 Indoor air quality - Exemplary Level: Yes
- The product has an Environmental Product Declaration (EPD) which can be used to calculate the building life cycle assessment: EPD available: Yes

DOCUMENTATION FOR BUILDING CERTIFICATIONS

All listed documents are available for download at www.ego.de:

- Product data sheet
- Safety data sheet
- Sustainability data sheet
- Certificates

The information relates to the time of preparation of this sustainability data sheet and thus corresponds to our knowledge at that time. Changes, e.g. in the certification systems may mean that the following information no longer corresponds to the current status and Changes, e.g. in the certification systems listed, may mean that the following information no longer corresponds to the current status and the current requirements. Please also refer to our technical data sheets.



Garmisch-Partenkirchen, 27.11.2024

Petra Goldmann
Management