

# Product Verification

## Sustainability

Self declared according to BREEAM International New Construction 2016

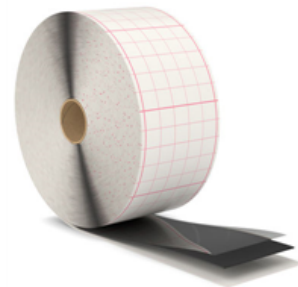
### ■ Product Systems

#### EGOTAPE 1000

EGO Dichtstoffwerke GmbH & Co. Betriebs KG

EGOTAPE 1000 is a self-adhesive and malleable butyl sealant tape that is stable in volume. The product is laminated with a highly flexible and transparent PE-film that can be two-dimensionally elongated to up to 300%. The film is primarily intended for application of the tape, sealing is ensured by the butyl. The product corresponds to the requirements of the IVD leaflet no. 5. Long-lasting adhesion, ageing and weather resistance as well as the typical butyl characteristics, such as UV resistance, longevity and odourlessness, make EGOTAPE 1000 and EGOTAPE 2000 stand out for butyl rubber products. EGOTAPE 1000 fulfills the requirements according to EMICODE EC 1 PLUS.

<https://www.ego.de/produkt/egotape1000>



## ■ Product Assessment

### Health and wellbeing

#### Criteria

#### Product Verification

|  |     |
|--|-----|
| Hea 02 Indoor air quality (GN22 V2.0 April 2016)                   | Yes |
| Hea 02 Indoor air quality - Exemplary Level (GN22 V2.0 April 2016) | 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 contributes toward satisfying Hea 02 Indoor air quality: Yes
- The product contributes toward satisfying Hea 02 Indoor air quality - Exemplary Level: Yes

## ■ Ecolabels & Product-Assessments

AgBB tested



EMICODE

French VOC-Label A+



ISO 14001 - Environmental  
Management System



ISO 9001 - Quality  
Management System



## ■ 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     |
| 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 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 solvents:                             | 0 % |
| Content of VOC:                                  | 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  | 47.49021067502303 ° DDD  |
| Final manufacturing location of the product: longitude | 11.178312060958389 ° 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 |
|-----------------------|-----|

#### 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

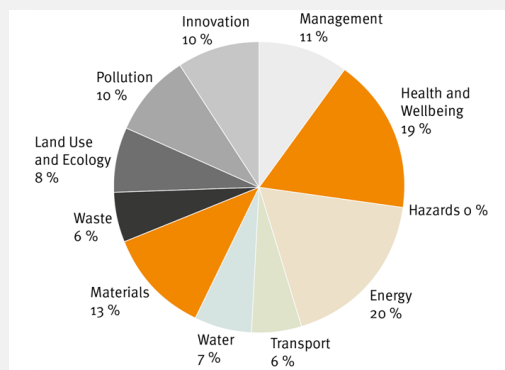
## ■ System description

The BREEAM (Building Research Establishment Environmental Assessment Method) certification system was published by the Building Research Establishment (BRE). It came on the market in 1990 and was one of the first certification systems for buildings. BREEAM offers different standards, which vary in the requirements, depending on the country, type of use and development phase of the project (new construction, in-use, refurbishment and fit-out, infrastructure and communities). Within ten environmental categories and numerous individual credits, buildings are rated and can be rated as Acceptable (for in-use scheme only), Pass, Good, Very Good, Excellent and Outstanding. Up to now, more than 16,300 BREEAM projects have been certified worldwide (as of April 2018).

Source: [www.breeam.com](http://www.breeam.com)

## ■ System categories

Category Weighting



Category

Category considered in product verification

|                            |     |
|----------------------------|-----|
| Management (Man)           | No  |
| Health and wellbeing (Hea) | Yes |
| Energy (Ene)               | No  |
| Transport (Tra)            | No  |
| Water (Wat)                | No  |
| Materials (Mat)            | Yes |
| Waste (Wst)                | No  |
| Land use and ecology (LE)  | No  |
| Pollution (Pol)            | No  |
| Innovation (Inn)           | No  |

Source: BREEAM International NC 2016 - Non-residential - Fully Fitted (TM 2.0)



# Detailed Verification

Self declared according to BREEAM International New Construction 2016

## ■ Health and wellbeing

### ■ Hea 02 Indoor air quality (GN22 V2.0 April 2016)

The product contributes toward satisfying Hea 02 Indoor air quality:

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

The product contributes toward satisfying Hea 02 Indoor air quality:

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

Interior adhesives and sealants (including flooring adhesives)

The entire product complies with Hea 02 Indoor air quality for interior adhesives and sealants (including flooring adhesives):

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

The product complies with Hea 02 Indoor air quality for interior adhesives and sealants (including flooring adhesives):

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

The product is an adhesive or sealant:

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

The application of the product is inside a building:

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

Formaldehyde after 28 days  $\leq 0.06 \text{ mg/m}^3$ :

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

Formaldehyde emissions according DIN EN 717-1:

|              |                             |
|--------------|-----------------------------|
| EGOTAPE 1000 | $\leq 0.002 \text{ mg/m}^3$ |
|--------------|-----------------------------|

TVOC after 28 days  $\leq 1.0 \text{ mg/m}^3$ :

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

TVOC after 28 days:

|              |                          |
|--------------|--------------------------|
| EGOTAPE 1000 | $< 0.005 \text{ mg/m}^3$ |
|--------------|--------------------------|



Category 1A and 1B carcinogens after 28 days  $\leq 0.001 \text{ mg/m}^3$ :

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

Carcinogens 1A and 1B after 28 days according ISO-16000 / AgBB:

|              |                          |
|--------------|--------------------------|
| EGOTAPE 1000 | $< 0.001 \text{ mg/m}^3$ |
|--------------|--------------------------|

Certified with eco-INSTITUT-Label:

|              |    |
|--------------|----|
| EGOTAPE 1000 | No |
|--------------|----|

Certified with UL Greenguard Gold:

|              |    |
|--------------|----|
| EGOTAPE 1000 | No |
|--------------|----|

Certified with UL Greenguard:

|              |    |
|--------------|----|
| EGOTAPE 1000 | No |
|--------------|----|

GREENGUARD certification confirms that there are no measured carcinogens:

|              |    |
|--------------|----|
| EGOTAPE 1000 | No |
|--------------|----|

Certified with Indoor Air Comfort:

|              |    |
|--------------|----|
| EGOTAPE 1000 | No |
|--------------|----|

Certified with Indoor Air Comfort Gold:

|              |    |
|--------------|----|
| EGOTAPE 1000 | No |
|--------------|----|

Certified with M1 Emission Classification of Building Materials:

|              |    |
|--------------|----|
| EGOTAPE 1000 | No |
|--------------|----|

Certified EMICODE standard:

|              |                 |
|--------------|-----------------|
| EGOTAPE 1000 | EMICODE EC1PLUS |
|--------------|-----------------|

#### ■ Hea 02 Indoor air quality - Exemplary Level (GN22 V2.0 April 2016)

The product contributes toward satisfying Hea 02 Indoor air quality - Exemplary Level:

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

The product contributes toward satisfying Hea 02 Indoor air quality - Exemplary Level:

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

Interior adhesives and sealants (including flooring adhesives) - Exemplary Level

The entire product complies with Hea 02 Indoor air quality - Exemplary Level for interior adhesives and sealants (including flooring adhesives):

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|





The product complies with Hea 02 Indoor air quality - Exemplary Level for interior adhesives and sealants (including flooring adhesives):

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

The product is an adhesive or sealant:

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

The application of the product is inside a building:

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

Formaldehyde after 28 days  $\leq 0.01 \text{ mg/m}^3$ :

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

Formaldehyde emissions according DIN EN 717-1:

|              |                             |
|--------------|-----------------------------|
| EGOTAPE 1000 | $\leq 0.002 \text{ mg/m}^3$ |
|--------------|-----------------------------|

TVOC after 28 days  $\leq 0.3 \text{ mg/m}^3$ :

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

TVOC after 28 days:

|              |                          |
|--------------|--------------------------|
| EGOTAPE 1000 | $< 0.005 \text{ mg/m}^3$ |
|--------------|--------------------------|

TSVOC after 28 days  $\leq 0,1 \text{ mg/m}^3$ :

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

TSVOC after 28 days:

|              |                         |
|--------------|-------------------------|
| EGOTAPE 1000 | $< 0.02 \text{ mg/m}^3$ |
|--------------|-------------------------|

Category 1A and 1B carcinogens after 28 days  $\leq 0.001 \text{ mg/m}^3$ :

|              |     |
|--------------|-----|
| EGOTAPE 1000 | Yes |
|--------------|-----|

Carcinogens 1A and 1B after 28 days according ISO-16000 / AgBB:

|              |                          |
|--------------|--------------------------|
| EGOTAPE 1000 | $< 0.001 \text{ mg/m}^3$ |
|--------------|--------------------------|

Certified with Indoor Air Comfort Gold:

|              |    |
|--------------|----|
| EGOTAPE 1000 | No |
|--------------|----|

Certified EMICODE standard:

|              |                 |
|--------------|-----------------|
| EGOTAPE 1000 | EMICODE EC1PLUS |
|--------------|-----------------|

## ■ 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 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.