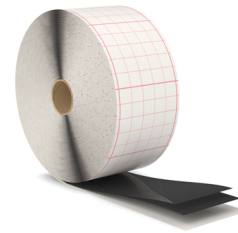# Product Verification

Sustainability

■ Product Systems

EGOTAPE 4000

EGO Dichtstoffwerke GmbH & Co. Betriebs KG

EGOTAPE 4000 is a self-adhesive butyl tape that is stable in volume and laminated with a, highly tear-resistant HDPE-foil. The special film is crosslaminated and thus ensures high resistance to further tearing. For covering seals of construction / connection joints in industrial and construction areas, concrete and prefabricated concrete construction. The product is designed for: - Sealing at roofs, balconies, loggias, pergolas and porticos (e.g. for connections and end structures, roof lights, light strips, smoke and heat exhaust units, edge finishing structures and door connections based on DIN 18531) - Sealing of components in contact with soil (e.g. against soil humidity and nonpressuring water based on DIN 18533) - Sealing in indoor areas (e.g. connections and end structures, areas behind bath tubs or shower cubicles and transition zones on the basis DIN 18534) - Sealing of window connections - Noise reduction for window sills - Sealing of tube openings - Corrosion protection for tubes - Sealing in the field of air conditioning, ventilation, heating and cooling systems - Sealing against radon gas - Use as nail sealing tape Typical butyl characteristics for butyl products, such as UV resistance, longevity and odourlessness, make EGOTAPE 4000 stand out for butyl rubber products. EGOTAPE 4000 fulfills the requirements according to EMICODE EC 1 PLUS.

https://www.ego.de/produkt/egotape4000

Product Assessment

Environmental Quality (ENV)

Criteria	Product Verification
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:

- Achieved quality level in DGNB 2018 Criteria ENV 1.2 Local environmental impact for the entire product: Quality level 4 of 4

Building Material Scout

■ Ecolabels & Product-Assessments

AgBB tested	EMICODE	EMICODE EC1plus	French VOC-Label A+

ISO 14001 - Environmental Management System	ISO 9001 - Quality Management System	SCAQMD Rule

■ 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
Recycled content post-consumer:	N/A
Recycled content pre-consumer:	N/A
Free (< 0,1 %) of polybrominated diphenyl ethers (= PBDE):	Yes
Free (< 0,1 %) of chlorinated paraffins (= CP inkl. SCCP, MCCP, LCCP):	Yes
VOC content according 2004/42/EG:	0 g/l
Content of VOC:	0 %
To what level of detail is the product composition known?	100 ppm
Rapidly renewable content	N/A
VOC content according 2004/42/EG:	0 g/m2
Non renewable virgin raw material content	N/A
Free (< 0,1 %) of biocidal:	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 %
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
Are reverse logistics in place for the product?	No
Final manufacturing location of the product: latitude	47.490265047353574 ° DDD
Final manufacturing location of the product: longitude	11.177764890049371 ° DDD

Emissions:

Formaldehyde emissions after 28 days according DIN EN 717-1:	0.002 mg/m³
R-Value according to AgBB:	0,0
TVOC after 3 days according ISO 16000-3 / AgBB:	0,02 mg/m³
TVOC after 28 days according ISO 16000-3 / AgBB:	0,005 mg/m³
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/m³
Carcinogens 1A and 1B after 28 days according ISO-16000 / AgBB:	0.001 mg/m³

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 biodegradation?	No
Was the product designed for clean incineration?	No

Life Cycle Assessment:

Functional use period   N/A
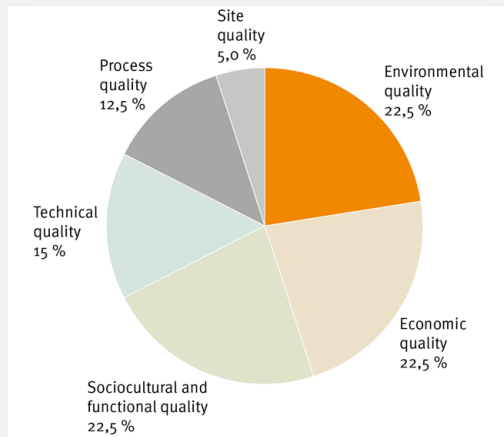
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System description

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

System categories

Category Weighting

Site quality 5,0 %
Process quality 12,5 %
Environmental quality 22,5 %
Technical quality 15 %
Economic quality 22,5 %
Sociocultural and functional quality 22,5 %

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

Building Material Scout

Detailed Verification

Self declared according to DGNB Neubau 2018

■ Environmental Quality (ENV)

■ 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:

EGOTAPE 4000	Quality level 4 of 4

Achieved quality level in DGNB 2018 Criterion ENV 1.2 Local environmental impact:

EGOTAPE 4000	Quality level 4

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:

EGOTAPE 4000	Quality level 4

Achieved quality level in DGNB 2018 ENV 1.2 Row 13:

EGOTAPE 4000	Quality level 4

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

EGOTAPE 4000	Yes

Free of chlorinated paraffins (CP):

EGOTAPE 4000	Yes

Content of VOC < 1 %:

EGOTAPE 4000	Yes

Content of VOC:

EGOTAPE 4000	0 %

Content of halogenated propellants < 0,1 %:

EGOTAPE 4000	Yes

Certified with EMICODE EC1/EC1PLUS, EC1-R/EC1PLUS-R:

EGOTAPE 4000	Yes

Certified EMICODE standard:

EGOTAPE 4000	EMICODE EC1PLUS

Certified with Indoor Air Comfort Gold:

EGOTAPE 4000	No

Building Material Scout

■ Contact Details Manufacturer

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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 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.