

# Product Verification

## Sustainability

Self declared according to DGNB Gebäude Neubau 2018

### ■ Product Systems

#### Glass Partition Wall - Lindner Life Hybrid 622

##### Lindner Group

Maximum transparency, this pledges the Lindner Life Hybrid 622 – and it is able to keep the promise. Besides the possibility to integrate blinds in the system, it offers a high standard of sound insulation and a maximum proportion of glass due to the 35 mm narrow junction profiles. Hence, a functionally appealing and optically open overall construction arises, which ensures an individual and pleasant working atmosphere.



## Product Assessment

### Environmental Quality (ENV)

Criteria	Product Verification
ENV 1.1 Life Cycle Assessment of the Building (Updated on: 16.07.2018)	EPD available: No
ENV 1.2 Local environmental impact (Updated on: 16.07.2018)	Quality level 4 of 4
ENV 1.3 Sustainable resource extraction (Updated on: 16.07.2018)	N/A

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 (ENV1.1/2.1): EPD available: No
- 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

Cradle to Cradle Certified™



Cradle to Cradle Material Health



## ■ Product Properties

### Ingredients:

VOC Content	0 g/l
VOC Content:	0 g/m <sup>2</sup>
Recycled content pre-consumer:	15,7 wt%
Recycled content post-consumer:	0 wt%

### Emissions:

TVOC after 28 days	0.038 mg/m <sup>3</sup>
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### Manufacturer:

Environmental Management System according ISO 14001: Yes

## ■ Product Components

Name	Amount	Material type / Function	DfD	Total Weight	Specific Weight	Portion (%)
Tempered/laminated Glass Panel	0.943	Glasscheibe	No	0.943	1 kg / kg	94,77 %
Sealing strip	0.003	Dichtung	No	0.003	1 kg / kg	0,30 %
Glas Panel Frame, Aluminium	0.043	Rahmen	No	0.043	1 kg / kg	4,32 %
Schallschutzeinlage Steinwolle	0.001	Akustischer Absorber	No	0.001	1 kg / kg	0,10 %
Transparentes Klebeband PET Folie mit Acrylatklebstoff	0.001	Befestigung	No	0.001	1 kg / kg	0,10 %
Haltefeder Stahl	0.001	Befestigung	No	0.001	1 kg / kg	0,10 %
Glashaltewinkel Stahl	0.001	Befestigung	No	0.001	1 kg / kg	0,10 %
Höhenverstellschuh aus Stahl, verzinkt	0.001	Befestigung	No	0.001	1 kg / kg	0,10 %

Glasscheibendichtung TPE Steckdichtung	0.001	Dichtung und Befestigung	No	0.001	1 kg / kg	0.00 %
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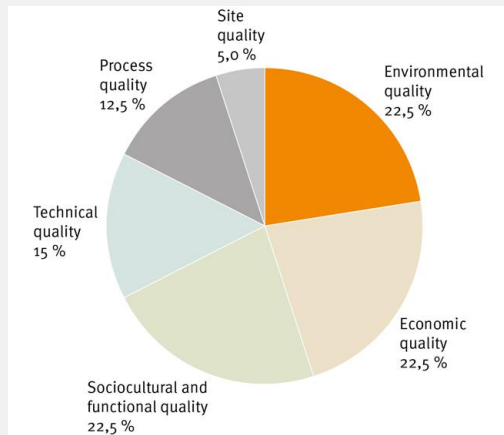
## System description

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](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 Gebäude Neubau 2018

## ■ Environmental Quality (ENV)

### ■ ENV 1.1 Life Cycle Assessment of the Building (Updated on: 16.07.2018)

The product has an Environmental Product Declaration (EPD), which can be used to calculate the building life cycle assessment (ENV1.1/2.1):

Glass Partition Wall - Lindner Life Hybrid 622	EPD available: No
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An environmental product declaration exists for the product:

Glass Partition Wall - Lindner Life Hybrid 622	No
Tempered/laminated Glass Panel	No
Sealing strip	No
Glas Panel Frame, Aluminium	No
Schallschutzeinlage Steinwolle	No
Transparentes Klebeband PET Folie mir Acrylatklebstoff	No
Haltefeder Stahl	No
Glashaltewinkel Stahl	No
Höhenverstellschuh aus Stahl, verzinkt	No
Glasscheibendichtung TPE Steckdichtung	No

### ■ ENV 1.2 Local environmental impact (Updated on: 16.07.2018)

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

Glass Partition Wall - Lindner Life Hybrid 622	Quality level 4 of 4
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**Achieved quality level in DGNB 2018 Criterion ENV 1.2 Local environmental impact:**

<b>Glass Partition Wall - Lindner Life Hybrid 622</b>	Quality level 4
Tempered/laminated Glass Panel	Quality level 4
Sealing strip	No Information
Glas Panel Frame, Aluminium	Quality level 4
Schallschutzeinlage Steinwolle	Quality level 4
Transparentes Klebeband PET Folie mir Acrylatklebstoff	Quality level 4
Haltefeder Stahl	Quality level 4
Glashaltewinkel Stahl	Quality level 4
Höhenverstellschuh aus Stahl, verzinkt	Quality level 4
Glasscheibendichtung TPE Steckdichtung	Quality level 4

The product does not fall under any of the above listed product groups according to DGNB 2018 ENV 1.2

The entire product does not fall under a DGNB 2018 requirement in ENV 1.2 Local environmental impact. The product helps to achieve the following quality level:

<b>Glass Partition Wall - Lindner Life Hybrid 622</b>	4
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The product does not fall under a DGNB 2018 requirement in ENV 1.2 Local environmental impact. The product helps to achieve the following quality level:

<b>Glass Partition Wall - Lindner Life Hybrid 622</b>	Quality level 4
Tempered/laminated Glass Panel	Quality level 4
Sealing strip	No Information
Glas Panel Frame, Aluminium	Quality level 4
Schallschutzeinlage Steinwolle	Quality level 4
Transparentes Klebeband PET Folie mir Acrylatklebstoff	Quality level 4
Haltefeder Stahl	Quality level 4
Glashaltewinkel Stahl	Quality level 4
Höhenverstellschuh aus Stahl, verzinkt	Quality level 4
Glasscheibendichtung TPE Steckdichtung	Quality level 4

The product does not fall under any of the above listed product groups according to DGNB 2018 ENV 1.2 or the relevant product group is evaluated on the components:

Glass Partition Wall - Lindner Life Hybrid 622	Yes
Tempered/laminated Glass Panel	Yes
Sealing strip	Yes
Glas Panel Frame, Aluminium	Yes
Schallschutzeinlage Steinwolle	Yes
Transparentes Klebeband PET Folie mit Acrylatklebstoff	Yes
Haltefeder Stahl	Yes
Glashaltewinkel Stahl	Yes
Höhenverstellschuh aus Stahl, verzinkt	Yes
Glasscheibendichtung TPE Steckdichtung	Yes

#### ■ ENV 1.3 Sustainable resource extraction (Updated on: 16.07.2018)

The entire product contributes to achieve points in the criterion ENV 1.3 Sustainable resource extraction:

Glass Partition Wall - Lindner Life Hybrid 622	N/A
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## ■ Contact Details Manufacturer

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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.