


Produktdeklaration - DGNB Neubauversion Büro- und Verwaltungsgebäude (NBV15)
MANUFACTURER SCHOMBURG GmbH & Co. KG

PRODUCT NAME SOLOPLAN-30-PLUS

Product Rating






- The product meets the requirements of quality level 1 to 4 and contributes to achieve 100 (of max. 100 achievable) checklist points according to criterion 'ENV1.2 Local Environmental Impact'.
- The product has an industry-wide Environmental Product Declaration (EPD), which can be used for the life cycle assessment according to criteria 'ENV 1.1' and 'ENV2.1'.

Criterion ENV 1.2 Risks for the Local Environment - Ecological Quality
Quality Level 1 10 Checklist Points 
Quality Level 2 50 Checklist Points 
Quality Level 3 75 Checklist Points 
Quality Level 4 100 Checklist Point 
Criterion ENV 1.3.1 Sustainable Resources - Ecological Quality*
Quality Level 1 10 Checklist Points 
Quality Level 2 50 Checklist Points 
Quality Level 3 100 Checklist Points 

* This criterion is only applicable to wooden materials.

Product Characteristics

Fibre reinforced, self-levelling, polymer modified smoothing compound. Tested to CT-C30-F7. For thicknesses from 2 to 30 mm. Very low emissions - EMICODE EC1 Plus R. Suitable for heated screeds.

-  **Credit requirements fulfilled - the action level is achieved**
-  **Credit is not applicable to this product**
-  **22% X% of the product comply with the credit requirement**
-  **Required data not specified - for required data contact manufacturer**
-  **Credit requirements are not fulfilled**

About DGNB Products - www.dgnb.de

This declaration helps to assess products easily according the certification system DGNB® Neubauversion Büro- und Verwaltungsgebäude (NBV15). Products are not reviewed or certified by DGNB. DGNB credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. Therefore the project team or the manufacturer is responsible to declare the compliance with the project requirements to achieve DGNB points.

Above you find an explanation of the symbols. Detailed information are on the next pages.

Produktdeklaration - DGNB Neubauversion Büro- und Verwaltungsgebäude (NBV15)
MANUFACTURER SCHOMBURG GmbH & Co. KG

PRODUCT NAME SOLOPLAN-30-PLUS

Product assessment of complete system

| Topic | Number | Criteria | Relevance | Evaluation |
|--|----------|--|-----------|---|
| Environmental Quality (ENV) | ENV1.1 | Life cycle Assessment - Emissions | ✓ | An industry-wide Environmental Product Declaration (EPD) does exist for this product. |
| | ENV1.2 | Local environmental impact | ✓ | Quality Level 4 is fulfilled |
| | ENV1.3.1 | Responsible procurement (Wood) | | |
| | ENV1.3.2 | Responsible procurement (Natural Stone) | | |
| | ENV2.1 | Life cycle Assessment - Primary Energy | ✓ | An industry-wide Environmental Product Declaration (EPD) does exist for this product. |
| | ENV2.2 | Potable water demand and wastewater volume | | |
| | ENV2.3 | Land Use | | |
| Economic Quality (ECO) | ECO1.1 | Building-related life-cycle costs | | |
| | ECO2.1 | Suitability for conversion | | |
| | ECO2.2 | Marketability | | |
| Sociocultural and Functional Quality (SOC) | SOC1.1 | Thermal Comfort | | |
| | SOC1.2 | Indoor Air Quality | | |
| | SOC1.3 | Acoustic Comfort | | |
| | SOC1.4 | Visual Comfort | | |
| | SOC1.5 | Occupant control | | |
| | SOC1.6 | Quality of stay outdoor / indoor | | |
| | SOC1.7 | Safety | | |
| | SOC2.1 | Access for all | | |
| | SOC2.2 | Public access | | |
| | TEC1.2 | Noise protection | | |
| | TEC1.3 | Building envelope quality | | |
| | TEC1.4 | Adaptability of Technical Systems | | |
| | TEC1.5 | Ease of cleaning and maintenance | | |
| | TEC1.6 | Ease of dismantling and recycling | | |
| | TEC3.1 | mobility infrastructure | | |
| Process Quality (PRO) | PRO1.1 | Project preparation and planning | | |
| | PRO1.3 | Conceptual design and optimization in the planning | | |
| | PRO1.4 | Sustainability aspects in tender phase | | |
| | PRO1.5 | Documentation for Facility Management | | |
| | PRO1.6 | Design and urban quality | | |
| | PRO2.1 | Environmental impact of construction | | |
| | PRO2.2 | Construction quality assurance | | |
| | PRO2.3 | Systematic commissioning | | |
| Site Quality (SITE) | SITE1.1 | Site location risks | | |
| | SITE1.2 | Public image and social conditions | | |
| | SITE1.3 | Access to transportation | | |
| | SITE1.4 | Access to specific-use facilities | | |

Produktdeklaration - DGNB Neubauversion Büro- und Verwaltungsgebäude (NBV15)
MANUFACTURER SCHOMBURG GmbH & Co. KG

PRODUCT NAME SOLOPLAN-30-PLUS

Product assessment for criteria ENV1.2 - Local environmental impact

The product fulfills the requirements for Quality Level 1-4

 Assessment: **Quality Level 4**
Goals and Relevance

Certain materials, construction products and preparations are a risk for soil, air, groundwater and surface water as well as for human's health, flora and fauna. In order to minimize risks for humans and the local environment, materials, (construction) products and preparations need to be reduced, avoided or substituted, which due to their material properties or ingredients are a risk for surface and ground water, soil or air. Especially those materials, (construction) products and preparations must be reduced, avoided or replaced, which affect human health, flora and fauna or harm within a short-, medium / or long-term period. This affects the entire life cycle - from production, processing at site, use of (building) inventory and disposal (dismantling, recycling, landfilling). These local risks are assessed material and product related. Hence eco-and human toxicological impact categories of LCA can not be applied due to lack of evaluation and measurement procedures.

Product Assessment

| | Relevant Products | Requirements of Quality Levels | Assessment of Product | Evaluation |
|---|---|---|--|------------------------|
| 8 | Primers, primer coatings, putties AND adhesives under wall AND floor coverings (eg tiles, carpets, wooden floors, resilient flooring - except wallpaper) Subject: All installation materials AND auxiliary substances for coating of surfaces (wall & floor) | Quality Level 1 The product belongs to GISCODE-group D1, RU 0,5, RU 1, RE1 or RS10? Quality Level 2 The product is EMICODE certified (EC1, EC1PLUS, EC1-R, EC1PLUS-R) or Blauer Engel certified (RAL UZ 113) Quality Level 3 The product is EMICODE certified (EC1, EC1PLUS, EC1-R, EC1PLUS-R) or Blauer Engel certified (RAL UZ 113) Quality Level 4 The product is EMICODE certified (EC1, EC1PLUS, EC1-R, EC1PLUS-R) or Blauer Engel certified (RAL UZ 113) | The product meets the requirements for EMICODE EC1-R Plus. | Quality Level 4 |

Other remarks on classification

The product belongs to the group GISCODE ZP1.

Produktdeklaration - DGNB Neubauversion Büro- und Verwaltungsgebäude (NBV15)

| | |
|---------------------|-------------------------|
| MANUFACTURER | SCHOMBURG GmbH & Co. KG |
|---------------------|-------------------------|

| | |
|---------------------|------------------|
| PRODUCT NAME | SOLOPLAN-30-PLUS |
|---------------------|------------------|

The product contains the following components:

**Mass per
unit [%]**

| | |
|----|------------------|
| K1 | SOLOPLAN-30-PLUS |
|----|------------------|

| |
|------|
| 100% |
|------|