Produktdeklaration - DGNB Neubauversion Büro- und Verwaltungsgebäude (NBV15)

MANUFACTURER SCHOMBURG GmbH & Co. KG

PRODUCT NAME SANIFIN

Product Rating DGNB Criteria

• 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'.

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

Quality Level 4

Criterion ENV 1.3.1 Sustainable Resources - Ecological Quality*

75 Checklist Points

100 Checklist Point

Quality Level 1 10 Checklist Points

0

Quality Level 2 50 Checklist Points

0

Quality Level 3 100 Checklist Points

Product Characteristics

Waterproof membrane, Waterproofing beneath tiles in wet areas and wet rooms as well as commercial kitchens. Can be used on all wall and floor construction materials suitable for wet duty applications. For waterproofing surfaces that need to be tiled quickly. Technical approval for wet duty classifications A and C and for class A0 in accordance with the ZDB technical sheet "Bonded waterproof membranes". Very low emissions - GEV EMICODE EC1PLUS

- 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.

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^{*} This criterion is only applicable to wooden materials.

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SCHOMBURG GmbH & Co. KG **MANUFACTURER**

SANIFIN **PRODUCT NAME**

roduct assessment of complete system					
Topic	Number	Criteria	Relevance	Evaluation	
	ENV1.1	Life cycle Assessment - Emissions			
	ENV1.2	Local environmental impact	✓	Quality Level 4 is fulfilled	
	ENV1.3.1	Responsible procurement (Wood)			
Environmental Quality (ENV)	ENV1.3.3	Responsible procurement (Natural Stone)			
	ENV2.1	Life cycle Assessment - Primary Energy			
	ENV2.2	Potable water demand and wastewater volume			
	ENV2.3	Land Use			
	ECO1.1	Building-related life-cycle costs			
Economic Quality (ECO)	ECO2.1	Suitability for conversion			
	ECO2.2	Marketability			
	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			
Sociocultural and Functional Quality (SOC)	SOC2.1	Access for all			
anonar quality (200)	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			
	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			
Process Quality (PRO)	PRO1.6	Design and urban quality			
	PRO2.1	Environmental impact of construction			
	PRO2.2	Construction quality assurance			
	PRO2.3	Systematic commissioning			
	SITE1.1	Site location risks			
	SITE1.2	Public image and social conditions			
Site Quality (SITE)	SITE1.3	Access to transportation			
	SITE1.4	Access to specific-use facilities			

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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
9	Barrier coatings, floor resins, sealings under tiles	Quality Level 1	GISCODE D1, RE0, RE 1, RU 0,5 orr RU 1		
		Quality Level 2	GISCODE D1, RE0, RE 1, RU 0,5 orr RU 1	The product meets the requirements for EMICODE EC1 PLUS.	Quality Level 4
		Quality Level 3	GISCODE D1, RE0, RE1, RU 0,5, RU 1 or EMICODE EC1		
		Quality Level 4	EMICODE EC1, EC1 PLUS, EC1- R or EC1 PLUS -R		

Relevant Products		Requirements of Quality Levels		Assessment of Product	Evaluation
35	Plastics for coating of surfaces (floor and wall) and components on the building envelope	Quality Level 1	Content of lead and tin <0.1%		
	and banding officiops	Quality Level 2	Content of lead and tin <0.1%		
	Subject: Elastic floor coverings (z. B. PVC, rubber), wall coverings, rooflights, vinyl windows	Quality Level 3	Content of lead and tin <0.1%	The content of lead and tin in the used plastics is < 0.1%	Quality Level 4
		Quality Level 4	Content of lead and tin <0.1%		

	Relevant Products	Requirements of Quality Levels		Assessment of Product	Evaluation
44	Plastic materials Subject: external wall and roof	Quality Level 1	No requirements		
	insulation, wall coverings, window, electrical cables: plastic sheets, wall coverings, wallpaper, plastic	Quality Level 2	No requirements	The SVHC-content of the product is	0.4%
	windows, cable sheathing	Quality Level 3	SVHC < 0,1 %	< 0.1 %.	Quality Level 4
		Quality Level 4	SVHC < 0,1 %		

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The product contains the following components:	Mass per unit [%]
K1 SANIFIN	100%