Product Declaration - DGNB New Construction Office and Administration Buildings (NBV12)

MANUFACTURER

PRIORIT AG

PRODUCT NAME

Smoke- and fireprotection seals

Product Characteristics

Smoke- and Fireprotection seals for use in doors and inspections closures.

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'.

• The product does not lead to toxic or corrosive fumes in case of fire. Hence this product contributes to achieve 20 (of max. 20 achievable) checklist points according to criterion 'SOC 1.7 Safety and Security'.

The product contains the following components:	Mass pe unit [%]
Smoke- and fireprotection seals	100%
pout DGNB Products - www.dgnb.de	

About DGNB Products - www.dgnb.de

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MANUFACTURER

PRIORIT AG

PRODUCT NAME

Smoke- and fireprotection seals

Product assessment of complete system

Торіс	Number	Criteria	Relevance	Evaluation
ENV1		Life cycle Assessment - Emissions	-	
	ENV1.2	Local environmental impact	\checkmark	Quality Level 4 is fulfilled
	ENV1.3.1	Responsible procurement (Wood)		
	ENV1.3.2	Responsible procurement (Formwork)		
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 outdoor spaces		
Sociocultural and Functional Quality (SOC)	SOC1.7	Safety and security	\checkmark	The product does not lead to toxic or corrosive fumes in case of fire
	SOC2.1	Access for all		
	SOC2.2	Public access		
	SOC2.3	Cyclist facilities		
	SOC3.1	Design and urban quality		
	SOC3.2	Integration of public art		
	SOC3.3	Floor Plan Qualities		
	TEC1.1	Fire prevention		
	TEC1.2	Noise protection		
	TEC1.3	Building envelope quality		
Technical Quality (TEC)	TEC1.4	Adaptability of Technical Systems		
-	TEC1.5	Ease of cleaning and maintenance		
-	TEC1.6	Ease of dismantling and recycling		
	TEC1.7	Sound immission control		
	PRO1.1	Comprehensive project brief		
	PRO1.2 PRO1.3	Integral design Design concept		
	PRO1.4	Sustainability aspects in tender phase		
Process Quality (PRO)	PRO1.5	Documentation for Facility Management		
	PRO2.1	Environmental impact of construction		
	PRO2.2	Construction quality assurance		
	PRO2.3	Systematic commissioning		
	SITE1.1	Site location risks		
Site Quality (SITE)	SITE1.2	Public image and social conditions		
	SITE1.3	Access to transportation		
	SITE1.4	Access to specific-use facilities		

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MANUFACTURER	PRIORIT AG			
PRODUCT NAME	Smoke- and fireprotection seals			
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		evant Products Requirements of Quality Levels		Assessement of Product	Evaluation
28	Plastics for coating of surfaces (floor and wall) and components on the facade	Quality Level 1	Content of lead and tin <0.1%	The lead and tin content of the plastics used is <0.1%	
		Quality Level 2	Content of lead and tin <0.1%		Quality Level 4
		Quality Level 3	Content of lead and tin <0.1%		Quality Level 4
		Quality Level 4	Content of lead and tin <0.1%		

Other remarks on classification

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Product assessment for criteria SOC1.7 - Safety and Security The product fulfills the requirments for prevention of fumes. 20 of 20 Checklist Points				
PRODUCT NAME	Smoke- and fireprotection seals			
	Smalke, and firepretection cools			
MANUFACTURER	PRIORIT AG			

Goals and Relevance

A high sense of security contributes fundamentally to the comfort of human being. The goal is to avoid dangerous situations as much as possible and to reduce the impact of a non-preventable damage, as far as possible. The criterion safety and security assesses also the performance of products in case of fire.

Product Assessment

	Relevant Requirements	vant Requirements Requirements of Quality Levels		Evaluation
2.	3 Prevention from risks of fumes	20 Checklist Points The product does not lead to toxic or corrosive fumes in case of fire	The product does not lead to toxic or corrosive fumes in case of fire.	20 Checklist Points

Other remarks on classification