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

MANUFACTURER

PRIORIT AG

PRODUCT NAME

System 42 (Priodek H / PRIOWALL ...) with decorative laminate

Product Characteristics

System 42 – Fire Protection Products PRIODEK-H – non combustible prefabricated boards with a decorative surface. PRIOWALL – single-ply, self-supporting wall systemwith a decorative surface. PRIOWALL Flex – wall system with doors and/or inspection closure PRIOELEC – electro cabinet PRIODOOR – Fire Resisting Closure PRIODOOR ETX – universal inspection closure. PRIODOOR ETX-A / ETX-E – inspection closure for flush mounting. PRIODOOR EVX – Inspection closure for mounting on the wall. PRIODOOR ETX-RDA – smoke damper.

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 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 per unit [%]
K1 PRIODEK H	98%
K2 Decorative Laminates	2%
K3 Glue	0%

About DGNB Products - www.dgnb.de

This declaration helps to assess products easily according the certification system DGNB. 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. Detailed information are on the next pages.

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Product assessment of complete system

Environmental Quality (ENV) Life cycle Assessment - Emissions ✓ Quality Level 4 is fulfilled Environmental Quality (ENV) ENV1.2 Local environmental impact ✓ Quality Level 4 is fulfilled Environmental Quality (ENV) ENV1.3 Responsible procurement (Wood) Environmental Quality (ENV) ENV1.3 Responsible procurement (Formwork) Environmental Quality (ENV) ENV1.3 Responsible procurement (Natural Stone) ENV2.1 Life cycle Assessment - Primary Energy ENV2.2 Potable water demand and wastewater volume Economic Quality (ECO) ECO2.1 Building-related life-cycle costs Economic Quality (ECO) ECO2.2 Marketability Sociocultural and Force Sociocultural and Force Indoor Air Quality Sociocultural and Functional Quality (SOC) Sociol Quality of outdoor spaces The product does not lead to toxic or corrorsive fumes in cas of fire				Relevance	
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ENV2.3 Land Use Image: Constant of the second					
Economic Quality (ECO) ECO2.1 Suitability for conversion Image: Conversion ECO2.2 Marketability Image: Conversion Image: Conversion SOC1.1 Thermal Comfort Image: Conversion Image: Conversion SOC1.2 Indoor Air Quality Image: Conversion Image: Conversion SOC1.3 Acoustic Comfort Image: Conversion Image: Conversion SOC1.4 Visual Comfort Image: Conversion Image: Conversion SOC1.4 Visual Comfort Image: Conversion Image: Conversion SOC1.5 Occupant control Image: Conversion Image: Conversion Sociocultural and Functional Quality (SOC) SoC1.7 Safety and security Image: Conversion	-				
EC02.2 Marketability Image: Control transmission of transmission					
Sociocultural and Functional Quality (SOC) Soc1.1 Thermal Confort Image: Confort <td>Economic Quality (ECO)</td> <td>ECO2.1</td> <td>Suitability for conversion</td> <td></td> <td></td>	Economic Quality (ECO)	ECO2.1	Suitability for conversion		
SOC1.2 Indoor Air Quality Image: Composition of the product of th		ECO2.2	Marketability		
SOC1.3 Acoustic Comfort Image: Comfort SOC1.4 Visual Comfort Image: Comfort SOC1.5 Occupant control Image: Comfort SOC1.6 Quality of outdoor spaces Image: Comfort Comfort Sociocultural and Functional Quality (SOC) SoC1.7 Safety and security		SOC1.1	Thermal Comfort		
Sociocultural and Functional Quality (SOC) SoC1.4 Visual Comfort Image: Comparison of the product does not lead to toxic or corrosive fumes in case of fire		SOC1.2	Indoor Air Quality		
Sociocultural and Functional Quality (SOC) Soc1.5 Occupant control Image: Control of the product does not lead to toxic or corrosive fumes in case of fire		SOC1.3	Acoustic Comfort		
Sociocultural and Functional Quality (SOC) SOC1.6 Quality of outdoor spaces Sociocultural and Functional Quality (SOC) SoC1.7 Safety and security	-	SOC1.4	Visual Comfort		
Sociocultural and Functional Quality (SOC) SOC1.7 Safety and security SoC1.7 Safety and security of fire		SOC1.5	Occupant control		
Functional Quality (SOC) SOC1.7 Safety and security of fire		SOC1.6	Quality of outdoor spaces		
		SOC1.7	Safety and security	1	The product does not lead to toxic or corrosive fumes in case of fire
SUC2.1 Access for all	-	SOC2.1	Access for all		
SOC2.2 Public access	-	SOC2.2	Public access		
SOC2.3 Cyclist facilities	_	SOC2.3	Cyclist facilities		
SOC3.1 Design and urban quality		SOC3.1	Design and urban quality		
SOC3.2 Integration of public art	-		Integration of public art		
SOC3.3 Floor Plan Qualities		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	Technical Quality (TEC)				
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 Integral design PRO1.3 Design concept	_				
PRO1.4 Sustainability aspects in tender phase					
Process Quality (PRO) PRO1.5 Documentation for Facility Management	Process Quality (PRO)	PRO1.5	Documentation for Facility Management		
PRO2.1 Environmental impact of construction	-	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	Site Quality (SITE)				
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	Assessement of Product	Evaluation
There are no requirements for the product.			

Other remarks on classification

The adhesive is applied at the factory and therefore has no requirement according to DGNB.

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The product fulfills the requ	irments for prevention of fumes.	Assessment:	20 of 20 Checklist Points	
Product assessment for criteria SOC1.7 - Safety and Security				
PRODUCT NAME System 42 (Priodek H / PRIOWALL) with decorative laminate				
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Checklist Points

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	Requirements of Quality Levels	Assessement of Product	Evaluation
2	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