greenbuildingproducts.eu

Produktdeklaration - DGNB Neubauversion Büro- und Verwaltungsgebäude (NBV12)

MANUFACTURER Ramsauer GmbH & Co KG

PRODUCT NAME 1- and 2-component adhesives

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'.

Criterion ENV 1.2 Risks for the Local Environment - Ecological Quality

Quality Level 1 10 Checklist Points

V

Quality Level 2 50 Checklist Points

V

Quality Level 3 75 Checklist Points

 $\overline{}$

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



Criterion SOC 1.7 Safety and Security - Prevention from risks of fumes

Indikator 2.3 20 Checklist Points



Product Characteristics

Product names: Montage Kleber 630, Dicht Kleber 640, Flächen Kleber 645, Boden Kleber 650, Kraft Fix 655, Spiegel Kleber 660, 2-K-MS Kleber 690. High-performance adhesives for a variety of special applications and application areas. Detailed information please refer to the technical data sheets.

- 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 (NBV12). 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.

Notice: This declaration is a product of HOINKA GmbH. This data sheet is published in the online database greenbuildingproducts.eu. The data sheet is only valid as DGNB evidence in conjunction with the manufacturer's declarations and product certificates that prove the information given in this declaration is no official certificate in terms of DGNB. The contents are based on manufacturer specifications. In spite of a diligent treatment of all information HOINKA GmbH cannot guarantee the actuality or correctness of the published data. The interpretation of the DGNB criteria requirements can differ and depend on the project and the scope of application. In spite of a diligent treatment of all information HOINKA GmbH cannot guarantee the correctness of evaluation in terms of the DGNB requirements. The user of this declaration, the consumer of the product and the consultant/plannar, who is advising this product in any construction projects, is responsible by himself to proof all data published in this document and to verify the permissibility for the designated application. The content of this data sheet does not manifest any legal relationship. With the publication of a new edition, this declaration on one longer be considered to be valid. The latest version is available in the internet. HOINKA GmbH • greenbuildingproducts.eu • Lembergweg 7/1 • 71067 Sindelfinger • Tel. • 49 7031 7659-441 • Fax • 49 7031 7659-443 • www.greenbuildingproducts.eu • contact@greenbuildingproducts.eu • Ceschäftsführer: Dipl. Ing. Thomas Hoinka

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



Produktdeklaration - DGNB Neubauversion Büro- und Verwaltungsgebäude (NBV12)

MANUFACTURER Ramsauer GmbH & Co KG

PRODUCT NAME 1- and 2-component adhesives

Product assessment of complete system

Product assessment of complete system				
Manakas		evance		
Number	Criteria	å	Evaluation	
ENV1.1	Life cycle Assessment - Emissions			
ENV1.2	Local environmental impact	✓	Quality Level 4 is fulfilled	
ENV1.3.1	Responsible procurement (Wood)			
ENV1.3.2	Responsible procurement (Formwork)			
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			
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			
SOC1.7	Safety and security	√	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			
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	Integral design			
PRO1.3	Design concept			
PRO1.4	Sustainability aspects in tender phase			
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			
SITE1.2	Public image and social conditions			
SITE1.3	Access to transportation			
	Number ENV1.1 ENV1.2 ENV1.3.1 ENV1.3.2 ENV1.3.3 ENV2.1 ENV2.2 ENV2.3 ECO1.1 ECO2.1 SOC1.2 SOC1.3 SOC1.4 SOC1.5 SOC1.6 SOC1.7 SOC2.1 SOC2.2 SOC3.3 TEC1.1 TEC1.2 TEC1.3 TEC1.4 TEC1.5 TEC1.6 TEC1.7 PRO1.1 PRO1.2 PRO1.3 PRO1.4 PRO1.5 PRO2.1	ENV1.1 Life cycle Assessment - Emissions ENV1.2 Local environmental impact ENV1.3.1 Responsible procurement (Wood) ENV1.3.2 Responsible procurement (Formwork) ENV1.3.3 Responsible procurement (Formwork) 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 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 SOC1.7 Safety and security SOC2.1 Access for all SOC2.2 Public access 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 TEC1.4 Adaptability of Technical Systems TEC1.5 Ease of cleaning and maintenance TEC1.6 Ease of dismantling and recycling PRO1.1 Comprehensive project brief PRO1.2 Integral design PRO1.3 Design concept PRO1.4 Sustainability aspects in tender phase PRO2.3 Systematic commissioning SITE1.1 Site location risks	Number Criteria ENV1.1 Life cycle Assessment - Emissions ENV1.2 Local environmental impact ENV1.3.1 Responsible procurement (Wood) ENV1.3.2 Responsible procurement (Formwork) ENV1.3.3 Responsible procurement (Formwork) ENV2.3 Life cycle Assessment - Primary Energy 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 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 SOC1.7 Safety and security SOC2.1 Access for all SOC2.2 Public access 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 TEC1.4 Adaptability of Technical Systems TEC1.5 Ease of cleaning and maintenance TEC1.6 Ease of dismantling and recycling TEC1.1 Comprehensive project brief PRO1.2 Integral design PRO1.3 Design concept PRO2.1 Environmental impact of construction PRO2.2 Construction quality assurance PRO2.3 Systematic commissioning SITE1.1 Site location risks	

greenbuildingproducts.eu

Produktdeklaration - DGNB Neubauversion Büro- und Verwaltungsgebäude (NBV12)

MANUFACTURER Ramsauer GmbH & Co KG

PRODUCT NAME 1- and 2-component adhesives

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
5	Baseboards, door rails, support glue (double floor or raised floor)	Quality Level 1	GISCODE PU20		
	Not considered are areas of glass construction, facade and fire	Quality Level 2	GISCODE PU20		
	protection		GISCODE PU10 or		
	p. stestien		EMICODE EC1 or	The product is free of chlorinated	
	Subject: sealants, sealants,	Quality Level 3	EMICODE EC1-R or	paraffins as a recipe component.	
	adhesives for point and linear	·	EMICODE EC1 PLUS or		
	bonding of components in the		EMICODE EC1 PLUS -R	The product 630 Montageklebstoff	Quality Level 4
	interior. This refers to PU adhesive			meet the equivalence proof of RAL	
	and silane-modified polymers		Use of silane-modified polymers	UZ 123. For this purpose, the results	
	(SMP)		(SMP) or	of Test chamber are available. **	
			GISCODE RS10 or		
		Quality Level 4	EMICODE EC1 or		
			EMICODE EC1-R or		
			EMICODE EC1 PLUS or		
			EMICODE EC1 PLUS -R		

Relevant Products		Requirements of Quality Levels		Assessment of Product	Evaluation
6	Small surface adhesions of mechanically loaded joints;	Quality Level 1	No requirements		
	not considered are areas of glass construction, facade and fire protection	Quality Level 2	No requirements	The product is free of chlorinated paraffins as a recipe component.	
	Subject: sealants, adhesives for point and linear bonding of components in the interior. This	Quality Level 3	The product is free of chlorinated paraffins as a component	The product 630 Montageklebstoff meet the equivalence proof of RAL UZ 123. For this purpose, the results of Test chamber are available. **	Quality Level 4
	refers Acrylic Sealants / - adhesives and silicone sealants.	Quality Level 4	The product is certified with RAL- UZ 123 (Blauer Engel) or equivalent		

Other remarks on classification

* EMICODE is for the following products before: 630 Montagekleber, 640 Dichtkleber, 645 Flächenkleber, 650 Bodenkleber, 655 Kraft fix, 690 2K MS Kleber For the following products is an SMP material: 640 Dichtkleber, 645 Flächenkleber, 655 Kraft fix, 660

For the following products is an SMP material: 640 Dichtkleber, 645 Flächenkleber, 655 Kraft fix, 660 Spiegelkleber

** The equivalence proof is necessary and proven only for the product 630 Montagekleber. All other products are not acrylate and silicone sealants.



Produktdeklaration - DGNB Neubauversion Büro- und Verwaltungsgebäude (NBV12)

MANUFACTURER Ramsauer GmbH & Co KG

PRODUCT NAME 1- and 2-component adhesives

Product assessment for criteria SOC1.7 - Safety and Security

The product fulfills the requirments for prevention of fumes.

Assessment:

20 of 20 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	Require	ments of Quality Levels	Assessement of Product	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

greenbuildingproducts.eu

Produktdeklaration - DGNB Neubauversion Büro- und Verwaltungsgebäude (NBV12)

MANUFACTURER	Ramsauer GmbH & Co KG
PRODUCT NAME	1- and 2-component adhesives

The product contains the following components:	Mass per unit [%]
K1 1- and 2-component adhesives	100%