greenbuildingproducts.eu

Product Declaration - DGNB New Construction Office and Administration Buildings (NBV15)

MANUFACTURER

MKT GmbH & Co.KG

PRODUCT NAME

MKT Injection Mortar VM-PY

Product Characteristics

Two component mortar for fixing medium and heavy duty loads into concrete, masonry and natural stone by using threaded anchor rods.

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 contains the following components:	Mass per unit [%]
K1 MKT Injection Mortar VM-PY	100%

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.

Notice: This declaration is a product of HOINKA GmbH. This data sheet is published in the online database greenbuildingproducts.eu. The distribution by third parties is prohibited. 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 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 the valuation in terms of the DGNB criteria requirements can differ and depend on the project and the scope of application. The spite of a diligent treatment of all information HOINKA GmbH cannot guarantee the correctness of evaluation in terms of the DGNB requirements can differ and depend on the project and the scope of application. The solute 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/planner, 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 can no longer be considered to be valid. The latest version is available in the intermet. HOINKA GmbH - greenbuildingproducts.eu + Lembergweg 7/1 + 71067 Sindelfingen + Tel. +49 7031 7659-441 + Fax +49 7031 7659-443 + www.greenbuildingproducts.eu + contact@greenbuildingproducts.eu + Geschäftsführer: Dipl.-Ing. Thomas Hoinka

greenbuildingproducts.eu

Product Declaration - DGNB New Construction Office and Administration Buildings (NBV15)

MANUFACTURER

MKT GmbH & Co.KG

PRODUCT NAME

MKT Injection Mortar VM-PY

Product assessment of complete system

-	Number	Criteria Life cycle Assessment - Emissions		Evaluation	
Торіс	ENV1.1				
	ENV1.2	Local environmental impact	\checkmark	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			
	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			
Process Quality (PRO)	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			

greenbuildingproducts.eu

Product Declaration - DGNB New Construction Office and Administration Buildings (NBV15)

MANUFACTURER	MKT GmbH & Co.KG
PRODUCT NAME	MKT Injection Mortar VM-PY

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	Require	ments of Quality Levels	Assessement of Product	Evaluation
12	Small surface adhesions of mechanically loaded joints;	Quality Level 1	chlorinated paraffins <0.1%		
	not considered are areas of glass construction, facade and fire	Quality Level 2	chlorinated paraffins <0.1%		
	protection	Quality Level 3	chlorinated paraffins <0.1%		
				The product is free of chlorinated paraffins as a recipe component	Quality Level 4*
		Quality Level 4	chlorinated paraffins <0.1%, solvents <1%, KWS plasticizer <0.1%		

Other remarks on classification

*The product is neither an acrylate sealant or adhesive nor a silicone sealant or SMP (hybrid sealtants) and falls strictly speaking not under DGNB requirements. The product contributes to achieve quality level 4.