



StoAqua EP Active

Sustainability

Data for building certification systems

Deutsche Gesellschaft für Nachhaltiges Bauen e.V. (German Sustainable Building Council, DGNB for short)		
ENV1.2, Version 2018	Product group:	No. 1: Coatings on non-mineral substrates
	Quality level:	Meets quality level 4 – Equivalent to DE-UZ 12a regarding VOC content (in accordance with Directive 2004/42/CE)
	Product group:	No. 24: EP/PUR primers and coatings for floor and wall areas with special requirements
	Quality level:	Meets quality level 2 – GISCODE PU10, PU20, PU40, PU60, RE05, RE10, RE20, RE30, RE40, RE50, RE55, or RE90
ENV1.2, Version 2023	Product group:	No. 1: Coatings on non-mineral substrates
	Quality level:	Meets quality level 4 – Equivalent to DE-UZ 12a regarding VOC content (in accordance with Directive 2004/42/CE) / with factory-made coating, the following applies as an alternative: VOC < 100 g/l
	Product group:	No. 24: EP/PUR primers (including mastic asphalt screed) and coatings for floor and wall areas with special requirements
	Quality level:	Meets quality level 2 – GISCODE PU10, PU20, PU40, PU60, RE05, RE10, RE20, RE30, RE40, RE50, RE55, or RE90
Qualitätssiegel Nachhaltiges Gebäude (German Quality Label for Sustainable Building, QNG for short)		
Annex document 313 dated 14 September 2023	Product group:	No. 6.1: Coatings applied on site to timber, metal, and plastic in interiors and exteriors
	Quality level:	Met – VOC ≤ 130.0 g/l (water-based formulation) and no pigments and driers based on lead, cadmium, and chromium (VI) compounds
	Product group:	No. 5.9: Surface protection systems made of epoxy resin and PUR coatings with special resistance requirements for floor and wall areas (interior and exterior)
	Quality level:	Met – GISCODE PU10, PU20, PU 30, PU40 (OLD), PU50 (OLD), PU60 (OLD) RE05, RE10, RE20, RE30, RE40, or RE50
Proposal for assignment: LCA calculation values for QNG Sustainable Building Certification	8.21 Water-based coating material white	

Bewertungssystem Nachhaltiges Bauen (German Assessment System for Sustainable Building, BNB for short)

BNB_BN 11.6, Version 2015	Product group:	No. 3a: Lacquers, lasures, stains incl. primers (coatings on non-mineral surfaces in interiors and exteriors)
	Quality level:	Meets quality level 5 – Equivalent to DE-UZ 12a regarding VOC, hazardous substances, biocides, and heavy metals
	Product group:	No. 20a: Epoxy resin and PUR coatings (including in combination) with special resistance requirements for floor and wall areas
	Quality level:	Meets quality level 3 – GISCODE PU10, PU20, PU40, PU60, RE1, RE0, or RE2

Minergie-ECO / ecobau

Ecobau classification	Swiss environment label:	C
	Report number:	ECO-CH-057
	Ecobau:	EcoBasis
	Ecobau:	(Ecobau methodology for construction materials 2025/V01)
	Ecobau:	
	Report number:	

Leadership in Energy and Environmental Design (LEED v. 4.1)

VOC content (EQ Credit: Low-emitting materials)	32.67 g/l (Without water) calculated according to the SCAQMD METHOD 304-91 (5.1) Met in accordance with LEED v4	
VOC emissions (EQ Credit: Low-emitting materials)	Requirement:	Not collected Not relevant for use in exterior areas
SVOC emissions (EQ Credit: Low-emitting materials)	Requirement:	Not collected Not relevant for use in exterior areas
Formaldehyde emissions (EQ Credit: Low-emitting materials)	Requirement:	Not collected Not relevant for use in exterior areas
Recycling percentage (post-consumer recycled content) (MR Credit: Sourcing of raw materials)	0 %	

Leadership in Energy and Environmental Design (LEED v. 4.1)

Recycling percentage (pre-consumer recycled content) (MR Credit: Sourcing of raw materials)	0 %
Renewable raw materials (bio-based materials) (MR Credit: Sourcing of raw materials)	0 %

Building Research Establishment Environmental Assessment Method (BREEAM)

VOC content (EQ Credit: Low-emitting materials)	32.67 g/l (Without water) calculated according to the SCAQMD METHOD 304-91 (5.1) Met in accordance with BREEAM	
VOC emissions (Hea 02: indoor air quality)	Requirement:	Not collected Not relevant for use in exterior areas
SVOC emissions (Hea 02: indoor air quality)	Requirement:	Not collected Not relevant for use in exterior areas
Formaldehyde emissions (Hea 02: indoor air quality)	Requirement:	Not collected Not relevant for use in exterior areas
CMR emissions (Hea 02: indoor air quality)	Requirement:	Not collected Not relevant for use in exterior areas

EU Taxonomy Regulation (EU) 2020/852

Compliant with Annex C	Met	
Note	This statement is based on the formulation data of Sto SE & Co. KGaA and information from our upstream suppliers.	
Formaldehyde emissions	Requirement:	Not collected Not relevant for use in exterior areas
Other carcinogenic VOCs in categories 1A and 1B (CMR)	Requirement:	Not collected Not relevant for use in exterior areas

EU Taxonomy Regulation (EU) 2020/852

Compliant with minimum social requirements (human rights, German Supply Chain Due Diligence Act, etc.)	https://www.sto.de/s/unternehmen/compliance
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Eco-labels and environmental labels

Eco-label, certificates

ISO certification 9001, 14001, 50001	https://www.sto.de/s/unternehmen/managementsysteme
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Product-specific working life (in accordance with BNB service life table)	Years:	20 years
	Application range:	Interiors
	Years:	12 years
	Application range:	exterior

GISCODE	See SDS (section 15)
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Product ingredients

Organic component (in accordance with natureplus / baubook)	>5%	
Hazardous substances (in accordance with EU regulations)	See SDS (section 3)	
CMR substances (VOC)	Cannot be determined (limit of quantification: 1 mg/kg) (in accordance with DIN EN ISO 17895)	
VOC content (in accordance with Directive 2004/42/CE)	15,68 g/l	
Solvent (in accordance with VdL Directive 01)	Content:	Not solvent-free > 700 mg/kg
	Base:	According to formulation evaluation
Plasticiser (in accordance with VdL Directive 01)	Content:	Plasticiser-free < 500 mg/kg
	Base:	According to formulation evaluation

Free formaldehyde (in accordance with VdL Directive 01)	Content:	Formaldehyde-free < 2 mg/kg
	Base:	According to formulation evaluation
Biocide(s), active substance(s) for protection of the coating (in accordance with Regulation (EU) No 528/2012)	Not present	
Biocide(s), active substance(s) for protection of the product during storage (in accordance with Regulation (EU) No 528/2012)	Present, see SDS (section 2)	
Heavy metals	Not assessed	
Compliant with the emissions restrictions of the titanium dioxide industry (in accordance with Directive 2010/75/EU and 25th Ordinance for the Implementation of the Federal Immission Control Act)	Yes	
SVHC in accordance with the REACH chemicals regulation (EC/1907/2006), Annex XIV	Content:	<0,1%
	Base:	According to formulation evaluation

Carbon footprint

Disposal, reuse, recycling

Recycling of site residue	Can be fed to a collection system for material recycling
	See SDS (section 13)
Recycling of dismantled building material	Can be reworked
Recycling of packaging material	Can be reused or recycled
	See https://www.sto.de/s/service-tools/entsorgung

Circular economy at Sto

<https://www.sto.de/s/nachhaltigkeit/kreislaufwirtschaft>

Corporate responsibility at Sto

Guiding principles, management of the company	Sto's vision is to be the technology leader in the sustainable design of living space tailored to human needs. Worldwide. For further information please visit: www.sto.com
UN Global Compact - membership	Sto is a member of the UN Global Compact and is committed to upholding ten universally acknowledged principles taken from the areas of human rights, labour standards, environmental protection, and anti-corruption. For further information please visit: www.unglobalcompact.org
Supplier code of conduct	https://www.sto.de/cepcom/de/Dokumente/Unternehmen/Lieferanten/Sto-Supplier-Code-of-Conduct_01_12-23-(1).pdf

Notes

Version	07
Creation and use	The information and data contained in this sustainability data sheet is based on our knowledge and experience. The publication of a new sustainability data sheet invalidates all previous versions. Please observe the information in the Technical Data Sheet and Safety Data Sheet. The latest version is available on the Internet. Formulations are subject to change!

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