PermaSilan

Version 2.0
Print Date: 08.11.2025
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Overview of building certification

DGNB version 2023	Quality level 4 (Line 5)
DGNB version 2018	Quality level 4 (Line5)
LEED v4.1	No requirements for external products
QNG	fulfilled (Line 5.2)
NBB	not fulfilled (Line 6a)
NaWoh - Version 4.0	fulfilled (Line 5.2)
BREEAM (Version V6.0)	No requirements for external products
EU Taxonomy (DNSH)	fulfilled

individual results below

Volatile organic compounds (VOC)

VOC limit value according to Directive 2004/42/EC	40 g/l (category A/c)
VOC content in accordance with Directive 2004/42/EC	< 1 % < 10 g/l
VOC content LEED [less water]	10 g/l

Technical data

Consumption	200 ml/m2
Gloss level	Matt (in accordance with DIN EN 13300)

Components

Product Code/GISCODE	BSW50
Formaldehyde-free according to VdL-RL01	no

Preservation agents	1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
sans conservateur	no
Film protection	terbutryn, octhilinone (ISO)
SVHC >0,1% - Substances of Very High Concern	not contained
SVHC >0.01% (100 PPM) according to REACH Annex XIV, XVII and SVHC Candidate List 2018-21	not contained
Chlorinated paraffins (LCCP, MCCP, SCCP) >0,1%	not contained
Lead, cadmium, chromium-VI >0.1%	not contained
Lead compounds >0.1%	not contained

Emission assessments

Emission tested	not assessed
Carcinogenic VOCs of categories 1A and 1B	not assessed
Formaldehyde limit value <60µg/m³ after 28d	not assessed
Formaldehyde limit <10µg/m³ (28d)	not assessed
BREEAM International	not assessed
EMICODE®	not assessed
EU taxonomy	not assessed
French VOC regulation (Décret n° 2011-321)	not assessed
LEED v4.1	not assessed

Sustainable construction / building certification

DGNB version 2018

ENV1.2 - Risks to the local environment

Achievable quality level (QS1-QS4)	Quality level 4
Line	5
Relevant components/materials/surfaces	Liquid coating materials for exterior mineral surfaces. E.g. concrete, masonry, mineral mortars and fillers, plasters, ETICS, façade wallpaper, plasterboard
Range / Product Type	Currently, just decorative paints and dispersioninsulation adhesiveare taken into account
Considered substances / aspects	VOC content in accordance with Directive 2004/42/EC

DGNB version 2023

ENV1.2 - Risks to the local environment

Achievable quality level (QS1-QS4)	Quality level 4
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Relevant components/materials/surfaces	Liquid coating materials for exterior mineral surfaces. E.g. concrete, masonry, mineral mortars and fillers, plasters, ETICS, façade wallpaper, plasterboard
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Considered substances / aspects	VOC content in accordance with Directive 2004/42/EC

QNG - Quality Seal for Sustainable Buildings

Annex document 313 (status: 09/2023)	fulfilled
Line	5.2
Relevant components/materials/surfaces	Facade paints incl. primers
Range / Product Type	Coatings on predominantly mineral substrates on external building components and in underground car parks: concrete, masonry, mortar, plaster, ETICS and façade wallpaper
Considered substances / aspects	VOC / biocides / heavy metals

LEED v4.1

EQ-Credit: Low-emitting materials	No requirements for external products
VOC content in accordance with Directive 2004/42/EC	< 10 g/l
VOC limit value according to Directive 2004/42/EC	40 g/l (category A/c)
Emission tested	not assessed
Formaldehyde limit <10µg/m³ (28d)	not assessed
Production site	DAW SE Roßdörfer Straße 50 DE-64372 Ober-Ramstadt

Assessment System Sustainable Housing Constructions (NaWoh) v4.0

Indicator 2.2.1 - Avoidance of pollutants in building materials	fulfilled
Line Annex document 313 (status: 09/2023)	5.2

BNB - Assessment system for sustainable building

1.1.6 - Risks to the local environment	not fulfilled
Line	6a
Relevant components/materials/surfaces	Facade paints incl. primers
Range / Product Type	Coatings on predominantly mineral substrates on external building components and in underground car parks: concrete, masonry, mortar, plaster, ETICS and façade wallpaper
Considered substances / aspects	VOC / biocides / heavy metals

BREEAM International New Construction 2016 - V6.0

TVOC content (28d)	not assessed
TVOC (28d) <300µg/m³	not assessed
Formaldehyde content (28d)	not assessed
VOC content in accordance with Directive 2004/42/EC	< 10 g/l
VOC content (HEA 02)	No requirements for external products
BREEAM V6.0 rating	No requirements for external products

EU taxonomy

Pollution Prevention - Do not significantly harm (DNSH)	fulfilled
Emission tested	not assessed
Formaldehyde limit value <60µg/m³ after 28d	not assessed
Cat. 1a carcinogens	not assessed
EU2019/1021	fulfilled
EU2017/852	fulfilled
EC1005/2009	fulfilled
2011/65/EU	fulfilled
EC 1907/2006 Annex XVII	fulfilled

EC 1907/2006 Art. 57+59	fulfilled
EC 1907/2006 Art. 57 Criteria	fulfilled

Life cycle assessment - Emission-related environmental impacts

Environmental Product Declaration available	no

Manufacturer-specific information on sustainability and corporate responsibility at DAW SE

UN Global Compact	As a signatory of the UN Global Compact, DAW SE is expressly committed to the Guiding Principles on Business and Human Rights of the United Nations Human Rights Council and the Guiding Principles of the UN Global Compact.
ILO labour standards	DAW SE is committed to complying with the core labour standards of the International Labour Organisation (ILO).
Human rights due diligence	The Code of Conduct of the DAW Group obliges all employees of DAW SE to respect human and labour rights and to treat resources and the environment responsibly. By recognising the DAW Group's Supplier Code of Conduct at , suppliers are also obliged to comply with these values and principles.
Quality management	Production site certified according to ISO 9001:2015
Environmental management	Production site certified according to ISO 14.001:2015
Occupational safety	Production site certified according to ISO 45.001:2018
Energy management	Production site certified according to ISO 50.001:2018

This data sheet has been compiled based on state-of-the-art technology and our experience. However, in light of the wide range of requirements regarding buildings certifications, the buyer/user remains personally responsible for checking that our assessment is suitable for the intended certification system and its respective requirements. This data sheet is only valid in its latest version and in combination with the current Technical Information and the Material Safety Data Sheet. Please refer to our website to check the up-to-dateness of this version, if necessary.