

Capalac Aqua Metallschutz weiß



Version 2.0
Print Date: 03.07.2025
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Overview of building certification

DGNB version 2023	Quality level 4 (Line 16) Quality level 4 (Line 17) Quality level 4 (Line 18) Quality level 4 (Line 19) Quality level 4 (Line 33)
DGNB version 2018	Quality level 4 (Line16) Quality level 4 (Line 17) Quality level 4 (Line 18) Quality level 4 (Line 19) Quality level 4 (Line 33)
LEED v4.1	fulfilled
QNG	fulfilled (Line 7.2) fulfilled (Line 7.3) fulfilled (Line 7.4)
NBB	quality level 5 (Line 14) quality level 5 (Line 15) quality level 5 (Line 16)
NaWoh - Version 4.0	fulfilled (Line 7.2) fulfilled (Line 7.3) fulfilled (Line 7.4)
BREEAM (Version V6.0)	Exemplary Level
EU Taxonomy (DNSH)	fulfilled

*Individual results below

Volatile organic compounds (VOC)

VOC limit value according to Directive 2004/42/EC	140 g/l (category A/i)
VOC content in accordance with Directive 2004/42/EC	< 3 % < 40 g/l 20 g/m ²
VOC content LEED [less water]	60 g/l
Complies with the VOC	RAL-UZ 12a (Blue Angel – Varnishes)

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requirements in accordance with

Carcinogenic VOCs of categories 1A and 1B	not contained
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Technical data

Consumption	200 - 250 ml/m ²
Gloss level	Silky matt (in accordance with DIN EN 53778)
Corrosion protection class	C4 (DIN EN ISO 12944-5)

Components

Product Code/GISCODE	BSW20
Formaldehyde-free according to VdL-RL01	no
Preservation agents	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one
preservative free	no
Film protection	not contained
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

Emission assessments

Emission tested	AgBB
Carcinogenic VOCs of categories 1A and 1B	not contained
Formaldehyde limit value <60µg/m³ after 28d	fulfilled
Formaldehyde limit <10µg/m³ (28d)	fulfilled

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BREEAM International	Exemplary Level
EMICODE®	not assessed
EU taxonomy	Emission requirements fulfilled
French VOC regulation (Décret n° 2011-321)	A+
LEED v4.1	Emission requirements fulfilled
French HQE Certification	Emission requirements fulfilled
Italian CAM criteria (Criteri Ambientali Minimi)	Emission requirements fulfilled

Sustainable construction / building certification

DGNB version 2018

ENV1.2 - Risks to the local environment

Achievable quality level (QS1-QS4)	Quality level 4
Line	16
Relevant components/materials/surfaces	Load-bearing metal components (wall thickness >3mm) with >500m ² coated surface in the building such as atrium construction, bridges, etc.
Range / Product Type	Anti-corrosive coatings for internal components (maximum corrosiveness category C2 high)
Considered substances / aspects	VOC content in accordance with Directive 2004/42/EC

Achievable quality level (QS1-QS4)	Quality level 4
Line	17
Relevant components/materials/surfaces	Load-bearing metal components (wall thickness >3mm) with >500m ² coated surface in the building such as atrium construction, bridges, etc.
Range / Product Type	Anti-corrosive coatings for internal components (maximum corrosiveness category C3 high)
Considered substances / aspects	VOC content in accordance with Directive 2004/42/EC

Achievable quality level (QS1-QS4)	Quality level 4
Line	18
Relevant components/materials/surfaces	Load-bearing metal components (wall thickness >3mm) with >500m ² coated surface in the building such as atrium construction, bridges, etc.
Range / Product Type	Corrosion protection coatings for internal components (max. corrosivity category greater than C3)
Considered substances / aspects	VOC content in accordance with Directive 2004/42/EC

Achievable quality level (QS1-QS4)	Quality level 4
Line	19
Relevant	Non-load-bearing metal components such as stair railings, metal substructures, frames, steel doors, façade elements, heat and cold

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components/materials/surfaces	transfer surfaces, cooling pipes
Range / Product Type	Anti-corrosion coatings and effect coatings (e.g. metallic effect paints)
Considered substances / aspects	VOC content in accordance with Directive 2004/42/EC

Achievable quality level (QS1-QS4)	Quality level 4
Line	33
Relevant components/materials/surfaces	Coated metal components: Façade elements, doors, radiators and heating/cooling ceilings. Hot-dip galvanising is not considered to be a coating for the purposes of this criterion. (Factory and building site)
Range / Product Type	Primer and top coat (e.g. paints, varnishes, powder coatings)
Considered substances / aspects	Lead, cadmium, chromium VI

DGNB version 2023

ENV1.2 - Risks to the local environment

Achievable quality level (QS1-QS4)	Quality level 4
Line	16
Relevant components/materials/surfaces	Load-bearing metal components (wall thickness >3mm) with >500m ² coated surface in the building such as atrium construction, bridges, etc.
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Range / Product Type	Corrosion protection coatings for internal components (max. corrosivity category greater than C3)
Considered substances / aspects	VOC content in accordance with Directive 2004/42/EC

Achievable quality level (QS1-QS4)	Quality level 4
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Line	19
Relevant components/materials/surfaces	Non-load-bearing metal components such as stair railings, metal substructures, frames, steel doors, façade elements, heat and cold transfer surfaces, cooling pipes
Range / Product Type	Anti-corrosion coatings and effect coatings (e.g. metallic effect paints)
Considered substances / aspects	VOC content in accordance with Directive 2004/42/EC

Achievable quality level (QS1-QS4)	Quality level 4
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Line	33
Relevant components/materials/surfaces	Coated metal components: Façade elements, doors, radiators and heating/cooling ceilings. Hot-dip galvanising is not considered to be a coating for the purposes of this criterion. (Factory and building site)
Range / Product Type	Primer and top coat (e.g. paints, varnishes, powder coatings)
Considered substances / aspects	Lead, cadmium, chromium VI

QNG - Quality Seal for Sustainable Buildings

Annex document 313 (status: 09/2023)	fulfilled
Line	7.2
Relevant components/materials/surfaces	Corrosion protection for interior and exterior load-bearing metal components (max. corrosivity category C3, high protection duration)
Range / Product Type	Wet coatings for load-bearing metal components (wall thickness > 3 mm) such as steel girders, atrium structures, bridges, etc.
Considered substances / aspects	VOC content of the overall structure

Annex document 313 (status: 09/2023)	fulfilled
Line	7.3
Relevant components/materials/surfaces	Corrosion protection of load-bearing metal components inside and outside (max. corrosivity category greater than C3, high protection duration)
Range / Product Type	Wet coatings for load-bearing metal components (wall thickness > 3 mm) such as steel girders, atrium structures, bridges, etc.
Considered substances / aspects	VOC content of the overall structure

Annex document 313 (status: 09/2023)	fulfilled
Line	7.4
Relevant components/materials/surfaces	Corrosion protection of non-load-bearing metal components inside and outside
Range / Product Type	Corrosion protection coatings for stair railings, metal substructures, metal frames, steel doors, façade elements, metal ceilings, radiators, distribution cabinets, cooling pipes, sprinkler pipes, etc., adhesion primers on powder coatings for doors/frames, coatings on metal ceilings, TGA pipes and distribution cabinets (electrical, I&C, IT, fire extinguishing cabinet) as well as effect coatings (e.g. metallic effect coatings).
Considered substances / aspects	VOC content in accordance with Directive 2004/42/EC

LEED v4.1

EQ-Credit: Low-emitting materials	fulfilled
VOC content in accordance with	< 40 g/l

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Directive 2004/42/EC	
VOC limit value according to Directive 2004/42/EC	140 g/l (category A/i)
Emission tested	AgBB
Formaldehyde limit <10µg/m³ (28d)	fulfilled
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)	7.2

Indicator 2.2.1 - Avoidance of pollutants in building materials	fulfilled
Line Annex document 313 (status: 09/2023)	7.3

Indicator 2.2.1 - Avoidance of pollutants in building materials	fulfilled
Line Annex document 313 (status: 09/2023)	7.4

BNB - Assessment system for sustainable building

1.1.6 - Risks to the local environment	quality level 5
Line	14
Relevant components/materials/surfaces	Corrosion protection for interior and exterior load-bearing metal components (max. corrosivity category C3, high protection duration)
Range / Product Type	Wet coatings for load-bearing metal components (wall thickness > 3 mm) such as steel girders, atrium structures, bridges, etc.
Considered substances / aspects	VOC content of the overall structure

1.1.6 - Risks to the local environment	quality level 5
Line	15
Relevant components/materials/surfaces	Corrosion protection for interior and exterior load-bearing metal components (max. corrosivity category C3, high protection duration)
Range / Product Type	Wet coatings for load-bearing metal components (wall thickness > 3 mm) such as steel girders, atrium structures, bridges, etc.
Considered substances / aspects	VOC content of the overall structure

1.1.6 - Risks to the local environment	quality level 5
Line	16
Relevant components/materials/surfaces	Corrosion protection of non-load-bearing metal components inside and outside
Range / Product Type	Corrosion protection coatings for stair railings, metal substructures, metal frames, steel doors, façade elements, metal ceilings, radiators, distribution cabinets, cooling pipes, sprinkler pipes, etc., adhesion primers on powder coatings for doors/frames, coatings on metal ceilings, TGA pipes and distribution cabinets (electrical, I&C, IT, fire extinguishing cabinet) as well as effect coatings (e.g. metallic effect coatings).
Considered substances / aspects	VOC content in accordance with Directive 2004/42/EC

BREEAM International New Construction 2016 - V6.0

TVOC content (28d)	28 µg/m ³
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TVOC (28d) <300µg/m³	fulfilled
Formaldehyde content (28d)	7 µg/m ³
VOC content in accordance with Directive 2004/42/EC	< 40 g/l
VOC content (HEA 02)	fulfilled
BREEAM V6.0 rating	Exemplary Level

EU taxonomy

Pollution Prevention - Do not significantly harm (DNSH)	fulfilled
Emission tested	AgBB
Formaldehyde limit value <60µg/m³ after 28d	fulfilled
Cat. 1a carcinogens	not contained
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
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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