

# Capalac Aqua Metallschutz BasisT



Version 2.0  
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## Overview of building certification

<b>DGNB version 2023</b>	Quality level 4 (Line 1) 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)
<b>DGNB version 2018</b>	Quality level 4 (Line1) 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)
<b>LEED v4.1</b>	not suitable for indoor use (no requirements for outdoor use)
<b>QNG</b>	fulfilled (Line 7.2) fulfilled (Line 7.3) fulfilled (Line 7.4)
<b>NBB</b>	quality level 5 (Line 14) quality level 5 (Line 15) quality level 5 (Line 16)
<b>NaWoh - Version 4.0</b>	fulfilled (Line 7.2) fulfilled (Line 7.3) fulfilled (Line 7.4)
<b>BREEAM (Version V6.0)</b>	not suitable for indoor use (no requirements for outdoor use)
<b>EU Taxonomy (DNSH)</b>	not assessed

\*Individual results below

## Volatile organic compounds (VOC)

<b>VOC limit value according to Directive 2004/42/EC</b>	140 g/l (category A/i)
<b>VOC content in accordance with Directive 2004/42/EC</b>	< 3 % < 30 g/l 10 g/m <sup>2</sup>
<b>Complies with the VOC</b>	RAL-UZ 12a (Blue Angel – Varnishes)

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requirements in accordance with



### Technical data

**Consumption** 200 - 250 ml/m<sup>2</sup>

### Components

<b>Product Code/GISCODE</b>	BSW20
<b>Formaldehyde-free according to VdL-RL01</b>	not tested
<b>Formaldehyde-free according to VdL-RL01</b>	no
<b>Preservation agents</b>	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
<b>preservative free</b>	no
<b>preservative free</b>	no
<b>Film protection</b>	not contained
<b>SVHC &gt;0,1% - Substances of Very High Concern</b>	not contained
<b>SVHC &gt;0.01% (100 PPM) according to REACH Annex XIV, XVII and SVHC Candidate List 2018-21</b>	not contained
<b>Chlorinated paraffins (LCCP, MCCP, SCCP) &gt;0,1%</b>	not contained
<b>Lead, cadmium, chromium-VI &gt;0.1%</b>	not contained

### Emission assessments

<b>Emission tested</b>	not assessed
<b>Carcinogenic VOCs of categories 1A and 1B</b>	not assessed
<b>Formaldehyde limit value &lt;60µg/m<sup>3</sup> after 28d</b>	not assessed
<b>Formaldehyde limit &lt;10µg/m<sup>3</sup> (28d)</b>	not assessed

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<b>BREEAM International</b>	not assessed
<b>EMICODE®</b>	not assessed
<b>EU taxonomy</b>	not assessed
<b>French VOC regulation (Décret n° 2011-321)</b>	not assessed
<b>LEED v4.1</b>	not assessed

## Sustainable construction / building certification

### DGNB version 2018

ENV1.2 - Risks to the local environment

<b>Achievable quality level (QS1-QS4)</b>	Quality level 4
<b>Line</b>	1
<b>Relevant components/materials/surfaces</b>	Coatings on non-mineralsubsurfaces: Metals,wood, plastics(Factory and building site)
<b>Range / Product Type</b>	This refers to decorativeliquid coating materials:Paints/varnishes withprimer coats. Effectcoatings (such asmetallic paints) arean exception to this
<b>Considered substances / aspects</b>	VOC content in accordance with Directive 2004/42/EC

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

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

<b>Achievable quality level (QS1-QS4)</b>	Quality level 4
<b>Line</b>	18
<b>Relevant</b>	Load-bearing metal components (wall thickness >3mm) with >500m <sup>2</sup>

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<b>components/materials/surfaces</b>	coated surface in the building such as atrium construction, bridges, etc.
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<b>Range / Product Type</b>	Corrosion protection coatings for internal components (max. corrosivity category greater than C3)
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<b>Considered substances / aspects</b>	VOC content in accordance with Directive 2004/42/EC
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<b>Achievable quality level (QS1-QS4)</b>	Quality level 4
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<b>Line</b>	19
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<b>Relevant components/materials/surfaces</b>	Non-load-bearing metal components such as stair railings, metal substructures, frames, steel doors, façade elements, heat and cold transfer surfaces, cooling pipes
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<b>Range / Product Type</b>	Anti-corrosion coatings and effect coatings (e.g. metallic effect paints)
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<b>Considered substances / aspects</b>	VOC content in accordance with Directive 2004/42/EC
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<b>Achievable quality level (QS1-QS4)</b>	Quality level 4
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<b>Line</b>	33
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<b>Relevant components/materials/surfaces</b>	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)
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<b>Range / Product Type</b>	Primer and top coat (e.g. paints, varnishes, powder coatings)
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<b>Considered substances / aspects</b>	Lead, cadmium, chromium VI
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## DGNB version 2023

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ENV1.2 - Risks to the local environment

<b>Achievable quality level (QS1-QS4)</b>	Quality level 4
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<b>Line</b>	1
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<b>Relevant components/materials/surfaces</b>	Coatings on non-mineral substrates: Metals, wood, plastics (Factory and building site)
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<b>Range / Product Type</b>	This refers to decorative liquid coating materials: Paints/varnishes with primer coats. Effect coatings (such as metallic paints) are an exception to this
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<b>Considered substances / aspects</b>	VOC content in accordance with Directive 2004/42/EC
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<b>Achievable quality level (QS1-QS4)</b>	Quality level 4
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<b>QS4)</b>	
<b>Line</b>	16
<b>Relevant components/materials/surfaces</b>	Load-bearing metal components (wall thickness >3mm) with >500m <sup>2</sup> coated surface in the building such as atrium construction, bridges, etc.
<b>Range / Product Type</b>	Anti-corrosive coatings for internal components (maximum corrosiveness category C2 high)
<b>Considered substances / aspects</b>	VOC content in accordance with Directive 2004/42/EC

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

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

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

<b>Achievable quality level (QS1-</b>	Quality level 4
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<b>QS4)</b>	
<b>Line</b>	33
<b>Relevant components/materials/surfaces</b>	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)
<b>Range / Product Type</b>	Primer and top coat (e.g. paints, varnishes, powder coatings)
<b>Considered substances / aspects</b>	Lead, cadmium, chromium VI

**QNG - Quality Seal for Sustainable Buildings**

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

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

<b>Annex document 313 (status: 09/2023)</b>	fulfilled
<b>Line</b>	7.4
<b>Relevant components/materials/surfaces</b>	Corrosion protection of non-load-bearing metal components inside and outside
<b>Range / Product Type</b>	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).
<b>Considered substances / aspects</b>	VOC content in accordance with Directive 2004/42/EC

**LEED v4.1**

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<b>EQ-Credit: Low-emitting materials</b>	not suitable for indoor use (no requirements for outdoor use)
<b>VOC content in accordance with</b>	< 30 g/l

## Sustainability Data Sheet - Capalac Aqua Metallschutz Basis T

<b>Directive 2004/42/EC</b>	
<b>VOC limit value according to Directive 2004/42/EC</b>	140 g/l (category A/i)
<b>Emission tested</b>	not assessed
<b>Formaldehyde limit &lt;10µg/m<sup>3</sup> (28d)</b>	not assessed
<b>Production site</b>	DAW SE Roßdörfer Straße 50 DE-64372 Ober-Ramstadt

## Assessment System Sustainable Housing Constructions (NaWoh) v4.0

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<b>Indicator 2.2.1 - Avoidance of pollutants in building materials</b>	fulfilled
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<b>Line Annex document 313 (status: 09/2023)</b>	7.2
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<b>Indicator 2.2.1 - Avoidance of pollutants in building materials</b>	fulfilled
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<b>Line Annex document 313 (status: 09/2023)</b>	7.3
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<b>Indicator 2.2.1 - Avoidance of pollutants in building materials</b>	fulfilled
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<b>Line Annex document 313 (status: 09/2023)</b>	7.4
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**BNB - Assessment system for sustainable building**

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

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

<b>1.1.6 - Risks to the local environment</b>	quality level 5
<b>Line</b>	16
<b>Relevant components/materials/surfaces</b>	Corrosion protection of non-load-bearing metal components inside and outside
<b>Range / Product Type</b>	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).
<b>Considered substances / aspects</b>	VOC content in accordance with Directive 2004/42/EC

**BREEAM International New Construction 2016 - V6.0**

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<b>TVOC content (28d)</b>	not assessed
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## Sustainability Data Sheet - Capalac Aqua Metallschutz Basis T

<b>TVOC (28d) &lt;300µg/m<sup>3</sup></b>	not fulfilled
<b>Formaldehyde content (28d)</b>	not assessed
<b>VOC content in accordance with Directive 2004/42/EC</b>	< 30 g/l
<b>VOC content (HEA 02)</b>	fulfilled
<b>BREEAM V6.0 rating</b>	not suitable for indoor use (no requirements for outdoor use)

## EU taxonomy

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<b>Pollution Prevention - Do not significantly harm (DNSH)</b>	not assessed
<b>Emission tested</b>	not assessed
<b>Formaldehyde limit value &lt;60µg/m<sup>3</sup> after 28d</b>	not assessed
<b>Cat. 1a carcinogens</b>	not assessed

## Life cycle assessment - Emission-related environmental impacts

<b>Environmental Product Declaration available</b>	no
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## Manufacturer-specific information on sustainability and corporate responsibility at DAW SE

<b>UN Global Compact</b>	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.
<b>ILO labour standards</b>	DAW SE is committed to complying with the core labour standards of the International Labour Organisation (ILO).
<b>Human rights due diligence</b>	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.
<b>Quality management</b>	Production site certified according to ISO 9001:2015
<b>Environmental management</b>	Production site certified according to ISO 14.001:2015
<b>Occupational safety</b>	Production site certified according to ISO 45.001:2018
<b>Energy management</b>	Production site certified according to ISO 50.001:2018