



# StoTop Wood Oil

# Sustainability

## Data for building certification systems

<b>Deutsche Gesellschaft für Nachhaltiges Bauen e.V. (German Sustainable Building Council, DGNB for short)</b>		
<b>ENV1.2, Version 2018</b>	Product group:	No. 30: Wooden windows and non-load-bearing timber building elements, interior and exterior
	Quality level:	Meets quality level 4 – Not a chemical wood preservative in interiors and exteriors; exception: windows only with biocidal products authorised for sale in accordance with Regulation (EU) No. 528/2012
<b>ENV1.2, Version 2023</b>	Product group:	No. 30b: Non-dimensionally-stable timber building elements, interior and exterior (e.g. facade and terrace)
	Quality level:	Meets quality level 3 – Interior: not a chemical wood preservative / Exterior: biocidal products authorised for sale in accordance with Biocidal Products Regulation 528/2012/CE

<b>Qualitätssiegel Nachhaltiges Gebäude (German Quality Label for Sustainable Building, QNG for short)</b>		
<b>Annex document 313 dated 14 September 2023</b>	Product group:	No. 8.3: Chemical wood preservatives according to DIN 68800-3 in special buildings (preventive treatment and impregnation of wooden windows, facade cladding, interior wall and ceiling claddings, coverings for terraces, etc.)
	Quality level:	Met – Boron compounds reproductive toxicity ≤ 0.10 %, biocidal substances declaration (if used), use of approved biocidal products in accordance with 528/2012/CE for windows and timber building elements used in exteriors in accordance with 528/2012/CE
<b>Proposal for assignment: LCA calculation values for QNG Sustainable Building Certification</b>	8.19 Solvent-based lacquer white	

<b>Bewertungssystem Nachhaltiges Bauen (German Assessment System for Sustainable Building, BNB for short)</b>		
<b>BNB_BN 1.1.6, Version 2015</b>	Product group:	No. 46a: Wood preservative products, treated timber, and engineered wood
	Quality level:	Meets quality level 5 – Boron compounds reproductive toxicity < 0.1 % (see Annex 2, F)

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

<b>VOC content (EQ Credit: Low-emitting materials)</b>	390 g/l Calculated in accordance with the Decopaint Directive 2004/42/CE Not met acc. to LEED v4	
<b>VOC emissions (EQ Credit: Low-emitting materials)</b>	Requirement:	Not relevant as exterior product
<b>SVOC emissions (EQ Credit: Low-emitting materials)</b>	Requirement:	Not relevant as exterior product
<b>Formaldehyde emissions (EQ Credit: Low-emitting materials)</b>	Requirement:	Not relevant as exterior product
<b>Recycling percentage (post-consumer recycled content) (MR Credit: Sourcing of raw materials)</b>	0 %	
<b>Recycling percentage (pre-consumer recycled content) (MR Credit: Sourcing of raw materials)</b>	0 %	
<b>Renewable raw materials (bio-based materials) (MR Credit: Sourcing of raw materials)</b>	0 %	

### Building Research Establishment Environmental Assessment Method (BREEAM)

<b>VOC content (EQ Credit: Low-emitting materials)</b>	390 g/l Calculated in accordance with the Decopaint Directive 2004/42/CE Not met acc. to BREEAM	
<b>VOC emissions (Hea 02: indoor air quality)</b>	Requirement:	Not relevant as exterior product
<b>SVOC emissions (Hea 02: indoor air quality)</b>	Requirement:	Not relevant as exterior product
<b>Formaldehyde emissions (Hea 02: indoor air quality)</b>	Requirement:	Not relevant as exterior product

### Building Research Establishment Environmental Assessment Method (BREEAM)

<b>CMR emissions (Hea 02: indoor air quality)</b>	Requirement:	Not relevant as exterior product
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### EU Taxonomy Regulation (EU) 2020/852

<b>Compliant with Annex C</b>	Met	
<b>Note</b>	This statement is based on the formulation data of Sto SE & Co. KGaA and information from our upstream suppliers.	
<b>Formaldehyde emissions</b>	Requirement:	Not relevant as exterior product
<b>Other carcinogenic VOCs in categories 1A and 1B (CMR)</b>	Requirement:	Not relevant as exterior product
<b>Compliant with minimum social requirements (human rights, German Supply Chain Due Diligence Act, etc.)</b>	<a href="https://www.sto.de/s/unternehmen/compliance">https://www.sto.de/s/unternehmen/compliance</a>	

## Eco-labels and environmental labels

### Eco-label, certificates

<b>ISO certification 9001, 14001, 50001</b>	<a href="https://www.sto.de/s/unternehmen/managementsysteme">https://www.sto.de/s/unternehmen/managementsysteme</a>	
<b>Product-specific working life (in accordance with BNB service life table)</b>	Years:	12 years
	Application range:	exterior
<b>GISCODE</b>	See SDS (section 15)	

## Product ingredients

<b>Organic component (in accordance with natureplus / baubook)</b>	>5%
<b>Hazardous substances (in accordance with EU regulations)</b>	See SDS (section 3)

<b>CMR substances (VOC)</b>	Cannot be determined (limit of quantification: 1 mg/kg) (in accordance with DIN EN ISO 17895)	
<b>VOC content (in accordance with Directive 2004/42/CE)</b>	390 g/l	
<b>Solvent (in accordance with VdL Directive 01)</b>	Content:	Not solvent-free > 700 mg/kg
	Base:	According to formulation evaluation
<b>Plasticiser (in accordance with VdL Directive 01)</b>	Content:	Plasticiser-free < 500 mg/kg
	Base:	According to formulation evaluation
<b>Free formaldehyde (in accordance with VdL Directive 01)</b>	Content:	Formaldehyde-free < 2 mg/kg
	Base:	According to formulation evaluation
<b>Biocide(s), active substance(s) for protection of the coating (in accordance with Regulation (EU) No 528/2012)</b>	Present, see SDS (section 2)	
<b>Biocide(s), active substance(s) for protection of the product during storage (in accordance with Regulation (EU) No 528/2012)</b>	Present, see SDS (section 2)	
<b>Heavy metals</b>	Not assessed	
<b>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)</b>	Yes	
<b>SVHC in accordance with the REACH chemicals regulation (EC/1907/2006), Annex XIV</b>	Content:	<0,1%
	Base:	According to formulation evaluation

## Carbon footprint

## Disposal, reuse, recycling

<b>Recycling of site residue</b>	Can be fed to a collection system for material recycling
	See SDS (section 13)
<b>Recycling of dismantled building material</b>	Can be reworked
<b>Recycling of packaging material</b>	Can be reused or recycled
	See <a href="https://www.sto.de/s/service-tools/entsorgung">https://www.sto.de/s/service-tools/entsorgung</a>
<b>Circular economy at Sto</b>	<a href="https://www.sto.de/s/nachhaltigkeit/kreislaufwirtschaft">https://www.sto.de/s/nachhaltigkeit/kreislaufwirtschaft</a>

## Corporate responsibility at Sto

<b>Guiding principles, management of the company</b>	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: <a href="http://www.sto.com">www.sto.com</a>
<b>UN Global Compact - membership</b>	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: <a href="http://www.unglobalcompact.org">www.unglobalcompact.org</a>
<b>Supplier code of conduct</b>	<a href="https://www.sto.de/cepcom/de/Dokumente/Unternehmen/Lieferanten/Sto-Supplier-Code-of-Conduct_01_12-23-(1).pdf">https://www.sto.de/cepcom/de/Dokumente/Unternehmen/Lieferanten/Sto-Supplier-Code-of-Conduct_01_12-23-(1).pdf</a>

## Notes

<b>Version</b>	04
<b>Creation and use</b>	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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