



StoTop Wood Oil

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. 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
ENV1.2, Version 2023	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

Qualitätssiegel Nachhaltiges Gebäude (German Quality Label for Sustainable Building, QNG for short)		
Annex document 313 dated 14 September 2023	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
Proposal for assignment: LCA calculation values for QNG Sustainable Building Certification	8.19 Solvent-based lacquer white	

Bewertungssystem Nachhaltiges Bauen (German Assessment System for Sustainable Building, BNB for short)		
BNB_BN 1.1.6, Version 2015	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)

VOC content (EQ Credit: Low-emitting materials)	390 g/l Calculated in accordance with the Decopaint Directive 2004/42/CE Not met acc. to LEED v4	
VOC emissions (EQ Credit: Low-emitting materials)	Requirement:	Not relevant as exterior product
SVOC emissions (EQ Credit: Low-emitting materials)	Requirement:	Not relevant as exterior product
Formaldehyde emissions (EQ Credit: Low-emitting materials)	Requirement:	Not relevant as exterior product
Recycling percentage (post-consumer recycled content) (MR Credit: Sourcing of raw materials)	0 %	
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)	390 g/l Calculated in accordance with the Decopaint Directive 2004/42/CE Not met acc. to BREEAM	
VOC emissions (Hea 02: indoor air quality)	Requirement:	Not relevant as exterior product
SVOC emissions (Hea 02: indoor air quality)	Requirement:	Not relevant as exterior product
Formaldehyde emissions (Hea 02: indoor air quality)	Requirement:	Not relevant as exterior product

Building Research Establishment Environmental Assessment Method (BREEAM)

CMR emissions (Hea 02: indoor air quality)	Requirement:	Not relevant as exterior product
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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 relevant as exterior product
Other carcinogenic VOCs in categories 1A and 1B (CMR)	Requirement:	Not relevant as exterior product
Compliant with minimum social requirements (human rights, German Supply Chain Due Diligence Act, etc.)	https://www.sto.de/s/unternehmen/compliance	

Eco-labels and environmental labels

Eco-label, certificates

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

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)	390 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)	Present, see SDS (section 2)	
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	05
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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