Sustainability Data Sheet

StoColor Sil In

Preservative-free, dead-matt interior dispersion silicate paint, wet-scrub resistance 2, and hiding power 1 in accordance with EN 13300

For product description see Technical Data Sheet (if available)

Information for building certifications in accordance with DGNB (2018 version) [German Sustainable Building Council]	
Quality level (ENV 1.2)	Decorative paints, primers, decorative fillers (incl. Q-filler), as well as deep-acting primers, floor coatings without any special resistance requirements, concrete lasures, and coatings on a mineral substrate (interiors): meets quality level 3 and 4 - solvent and plasticiser-free (in accordance with VdL-RL [German paint industry association guidelines] 01) or RAL-UZ 102 (SVOC)
Product-specific LCA values (ENV 1.1 and ENV 2.1)	in accordance with the EPD
Product-specific life cycle (ECO 1.1)	10 years (in accordance with the BNB [German assessment system for sustainable building])
Impact on acoustic comfort (SOC 1.3)	not assessed
Safety and risk of incidents (SOC 1.7)	not applicable
Cleaning instructions (PRO 1.5, PRO 2.2)	see Technical Data Sheet
For natural stone: “no child or forced labour” (ENV 1.3)	not applicable
Information for building certifications in accordance with LEED	
Product group classification	EQ4.2_Flat Topcoat
Recycled content (post-consumer) (MR Credit 4)	0 %
Recycled content (pre-consumer) (MR Credit 4)	0 %
Rapidly renewable materials (MR Credit 6)	0 %

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Certified wood (FSC or PEFC) (MR Credit 7)	not applicable
VOC content (IEQ Credit 4.1): Low-emitting materials – adhesives and sealants	not applicable
VOC content (IEQ Credit 4.2): Low-emitting materials – paints and coatings	0,9 g/l (without water) calculated according to the SCAQMD METHOD 304-91 (5.1)
VOC content (IEQ Credit 4.3): Low-emitting materials – flooring systems	not applicable
Eco-labels and designations	
Certificates / eco-labels	(TÜV seal of quality – "low-emission, tested for harmful substances, and production monitored") TÜV - Certificate No. TM-07/180413-1 natureplus® - Certificate 0602-0602-046-1 Declaration of conformity No. ECO-FR-034 Declaration of conformity No. ECO-CH-014
Environmental Product Declaration (EPD)	EPD-DIV-20140147-IBG1
GISCODE	BSW40
Safety Data Sheet (SDS)	available
Technical Data Sheet (TDS)	available
Product ingredients	
Composition	comprehensive declaration in accordance with the

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	"natureplus®" procurement directive inorganic binding agent polymer dispersion titanium dioxide mineral extenders silicate extenders water hydrophobic agents stabilisers thickener anti-foaming agents wetting agents
Hazardous substances (in accordance with EU regulations)	See Safety Data Sheet (section 3)
Organic content (in accordance with natureplus / baubook)	4,6 %
Volatile organic compounds (CMR substances)	cannot be detected (detection limit: 1 mg/kg) (in accordance with DIN EN ISO 17895)
VOC content (in accordance with the Decopaint directive)	< 0,1 g/l (< 0,1 %) (in accordance with Directive 2004/42/EC)
Plasticiser content	plasticiser-free (in accordance with the VdL directive 01 (German Paint and Printing Ink Association))
Free formaldehyde	formaldehyde-free in accordance with VdL Guideline 01
Biocide(s) / active substance(s) to protect the coating (in accordance with EU Regulation 528/2012)	not present
Biocide(s) / active substance(s) for storage protection (in accordance with EU Regulation 528/2012)	not present, If tinted versions are used, small amounts of preservatives can get into the material due to the pigments.
Heavy metals	below limiting value (< 1 mg/kg, per heavy metal, for mercury < 0.1 mg/kg) (migration in accordance with EN 71-3)
Compliance with the emissions restrictions of the titanium oxide industry (in accordance with	yes

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directive 2010/75/EU and BImSchV 25 [German Federal Emission Protection Regulations])	
Halogenated organic compounds	None
Emissions	
Halogenated hydrocarbons	cannot be detected (detection limit: 2 µg/m³) (in accordance with DIN EN ISO 16000-9 or DIN EN 16402)
Formaldehyde	cannot be detected (detection limit: 2 µg/m³) (in accordance with DIN EN ISO 16000-9 or Merckoquant formaldehyde test)
Semi-volatile organic compounds SVOCs	cannot be detected (detection limit: 2 µg/m³) (in accordance with DIN EN ISO 16000-9 or DIN EN 16402)
Disposal / re-use / recycling	
Re-use / recycling	The product will neither be reused nor recycled.
Disposal	See Safety Data Sheet (section 13)
Packaging / pails / films	The return of used packaging and its correct recycling is organised and certified in accordance with the statutory requirements with a regional disposal company.
Sto corporate responsibility	
Sto Guiding Principles / Corporate Governance	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

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ILO fundamental conventions	Sto has committed itself to adhering to the ILO fundamental conventions at all of its locations.
Quality, environmental and energy management	Production location certified in accordance with DIN EN 9001, DIN EN 14001, and DIN EN 50001.
Supplier Code of Conduct	The Sto Supplier Code of Conduct is based on the principles of the UN Global Compact and the Sto Guiding Principles. Suppliers must adhere to these and are continuously evaluated.

This document aims to help you better assess the sustainability of our products. We consider sustainability to be a complex process that involves bringing together economic, ecological, and social criteria in order to satisfy the needs of current and future generations. Our products aim to contribute to this, while also meeting the requirements placed on them with respect to well-being, quality, and functionality. We regard sustainability as a process of continuous improvement, not one with an end result. With this in mind, we have defined the following core statements for our products:

1. Sto products make a contribution to key aspects of sustainability: e.g. climate protection, building, energy, and resource efficiency, protection and durability, health, and well-being.
2. All of the raw materials used in Sto products fulfil the functions for their application and are optimised with respect to their impact on the environment - based on the latest technology.
3. Sto products are produced in an energy and resource-efficient manner; renewable raw materials are used when appropriate and acceptable from an ecological, economical, and social perspective.
4. Sto evaluates and promotes the potential to dispose of, reuse, and recycle its products, taking technological and economical feasibility into account.

It is not just down to us to determine how the sustainability of our products is interpreted and evaluated - your opinions and decisions also play a role. The information listed here, which has the environment and health as its main focus, aims to assist you in this regard.

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.

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