

Sustainability data sheet



StoSilent Filler

Porous joint filler made of expanded glass granulate

See Technical Data Sheet for product description

Information for building certifications in accordance with DGNB (2012 version) [German Sustainable Building Council]

Quality level (ENV 1.2)	paints and coatings on mineral substrates (interior): meets quality level 1, 2, 3, and 4 - solvent- and plasticiser-free (in accordance with VdL-RL01 [German paint industry association guidelines])
Product-specific LCA values (ENV 1.1 and ENV 2.1)	in accordance with the EPD
Product-specific life cycle (ECO 1.1)	≥ 50 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)	no negative impact, as product does not contain halogens
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 (2009 version)

Product group classification	not applicable
Recycled content (post-consumer) (MR Credit 4)	data not available
Recycled content (pre-consumer) (MR Credit 4)	data not available
Regional materials (MR Credit 5)	data not available
Place of manufacture (MR Credit 5)	STOMIX, spol. s. r. o., CZ-790 65 Skorošice

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Rapidly renewable materials (MR Credit 6)	data not available
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 g/l (less water)
VOC content (IEQ Credit 4.3): Low-emitting materials – flooring systems	not applicable
Eco-labels and designations	
Certificates / eco-labels	 Declaration of conformity No. ECO-FR-111
Environmental Product Declaration (EPD)	 EPD-DIV-20140058-IBG1
GISCODE	not applicable
Safety Data Sheet (SDS)	available
Technical Data Sheet (TDS)	available
Product ingredients	
Composition	See Safety Data Sheet (section 3)
Hazardous substances (in accordance with EU regulations)	See Safety Data Sheet (section 3)
Mineral content (in accordance with natureplus / baubook)	< 95 %
Organic content (in accordance with natureplus /	> 5 %

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baubook)	
Volatile organic compounds (CMR substances)	present (in accordance with DIN EN ISO 17895)
VOC content (in accordance with the Decopaint directive)	0 g/l (0 %) (product is not subject to the 2004/42/EC directive)
Plasticiser content	plasticiser-free (in accordance with the VdL directive 01 [German Paint and Printing Ink Association])
Free formaldehyde	not present
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
Heavy metals	not assessed
Compliance with the emissions restrictions of the titanium oxide industry (in accordance with directive 2010/75/EU and BImSchV 25 [German Federal Emission Protection Regulations])	not applicable, as titanium dioxide is not present in the product
Halogenated hydrocarbons (e.g. CFC, HFC, HCFC)	cannot be detected (detection limit: 2 µg/m ³)
Halogenated organic compounds (e.g. IPBC, HBCD, polyvinyl chloride)	none
Emissions	
Formaldehyde	≤ 10 µg/m ³ after 24 h (in accordance with DIN EN ISO 16000-9 or Merckoquant formaldehyde test)
Semi-volatile organic compounds SVOCs	cannot be detected (detection limit: 2 µg/m ³) (in accordance with DIN EN ISO 16000-9 or DIN EN 16402)

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Disposal / re-use / recycling

Re-use / recycling

Mineral fillers can be recycled as building materials.

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

ILO fundamental conventions

Sto has committed itself to adhering to the ILO fundamental conventions at all of its locations.

Quality and environmental management

Production location certified in accordance with DIN EN 9001 and DIN EN 14001.

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.

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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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