

Sustainability data sheet



StoSilent Board 310

Acoustic panel made of expanded glass granulate for suspended ceiling and wall structures

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)	does not correspond to a product group according to DGNB
Product-specific LCA values (ENV 1.1 and ENV 2.1)	in accordance with the EPD
Product-specific life cycle (ECO 1.1)	40 years (in accordance with the BNB [German assessment system for sustainable building])
Impact on acoustic comfort (SOC 1.3)	see Technical Data Sheet for the sound absorption coefficient
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)	≤ 85 %
Recycled content (pre-consumer) (MR Credit 4)	0 %
Regional materials (MR Credit 5)	100 % < 800 km (500 mi) from place of manufacture
Place of manufacture (MR Credit 5)	Verotec GmbH, D-89415 Lauingen
Rapidly renewable materials (MR Credit 6)	0 %

Sustainability data sheet



StoSilent Board 310

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	none
Environmental Product Declaration (EPD)	 EPD-STO-2013421
GISCODE	not applicable
Safety Data Sheet (SDS)	available
Technical Data Sheet (TDS)	available
Product ingredients	
Composition	See Safety Data Sheet (section 3) see Environmental Product Declaration (EPD)
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 / baubook)	> 5 %

Sustainability data sheet



StoSilent Board 310

Volatile organic compounds (CMR substances)	not present
VOC content (in accordance with the Decopaint directive)	0 g/l (0 %) (product is not subject to the 2004/42/EC directive)
Plasticiser content	no use of plasticisers in the manufacturing process of Sto SE & Co. KGaA
Free formaldehyde	≤ 10 mg/kg (in accordance with the VdL directive 03 [German Paint and Printing Ink Association] and RAL-UZ 102 eco-label)
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)	not present
Halogenated organic compounds (e.g. IPBC, HBCD, polyvinyl chloride)	none
Emissions	
Formaldehyde	not assessed
Semi-volatile organic compounds SVOCs	not assessed
Disposal / re-use / recycling	

Sustainability data sheet



StoSilent Board 310

Re-use / recycling	see Environmental Product Declaration (EPD)
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.

Sustainability data sheet



StoSilent Board 310

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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