

## General product information

### Manufacturer



#### Griesser AG

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8355 Aadorf

Switzerland

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Web: [www.griesser.ch](http://www.griesser.ch)

### Product

Solomatic® II

### Contact information

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Griesser AG

Tänikonerstrasse 3

CH-8355 Aadorf

[www.griesser.ch](http://www.griesser.ch)

### Issue date

19/05/2023

### SuPIM declaration number

SuPIM-4064

### Country/city of production

Switzerland

8355 Aadorf

### Useful life in years

30 (Other document [📄](#))

### Product description

The Solomatic slat blind has curved and flanged slats that are adjusted via two textile loop tapes. The slats are available in two widths and the product can be supplied with a slat angle of 45 degrees.

### Main ingredients

Related to the mass:

- Aluminium (lamellae and other components): approx. 30 %
- Electric motor: approx. 30
- Steel, low-alloy: approx. 20 %
- Polystyrene: approx. 10
- PVC: approx. 3
- other plastics, partly glass-fibre reinforced: approx. 3 %
- Chrome steel: approx. 1 %







The percentages refer to the

best-selling product with an opening of 4.5 m2.

Depending on the product type and dimensions, the stated percentages may vary.

Assigned EPD	Sonnenstoren aus Aluminiumlamellen Lamisol, Aluflex, Grinotex und Solomatic
EPD declaration number	EPD-GRI-20210133-ICC2-DE
Type of EPD	Representative EPD

## Declarations, documentation and labels

Declaration type	Designation	Proof/Link
Environmental product declaration	EPD (Environmental Product Declaration)	Environmental Product Declaration (EPD) 
Product label	MINERGIE® Modul by Griesser Inc	Manufacturer declaration 
Manufacturer's notification	KNX Swiss Member	Manufacturer declaration 
Product label	CasaClima	Web link 
Manufacturer's notification	REACH declaration	Manufacturer declaration 
Manufacturer's notification	Manufacturer's declaration Material	Manufacturer declaration *
Manufacturer's notification	Manufacturer's declaration Material	Manufacturer declaration 

\* Documentary proof can be requested from the manufacturer.

## Resources, recovery and disposal

	Details	Proof
Use of resources	Use of secondary raw materials	Environmental Product Declaration (EPD) 
Recycling and disposal	Material recovery in building construction	Environmental Product Declaration (EPD) 
	Material recovery	Environmental Product Declaration (EPD) 
	Energy recovery	Environmental Product Declaration (EPD) 

## European Waste Codes

Transport packaging	15 01 01, 15 01 02, 15 01 03
Product packaging	15 01 01, 15 01 02, 15 01 03
Product: production and installation	
Product: end-of-life	17 02 03, 17 04 01, 17 04 02, 17 04 05, 17 04 07, 16 02 14


## Certification system: DGNB New Construction (2018)

### Life cycle assessment of the building (DGNB criterion ENV 1.1)

Environmental impacts of the product: see EPD (EPD-GRI-20210133-ICC2-DE)

Environmental Product Declaration (EPD) 

### Risks for the local environment (DGNB criterion ENV 1.2)

No.	Product group	Product type	Emissions group	Quality level (QL)
33	Coated metal components: Facade elements, doors, radiators and heating/cooling ceilings. Hot-dip galvanising is not considered to be a coating for the purposes of this criterion. (Factory and building site)	Primers and final coatings (e.g. paints, lacquers, powder coatings)	Lead, cadmium and chromium (VI)	QL 4, proof by: Manufacturer declaration 

### Deconstruction and recyclability (DGNB criterion TEC 1.6)

Ways of recycling and disposal	Quality level	Proof
Material recovery in building construction	Quality level: QL 2	Environmental Product Declaration (EPD) 
Material recovery	Quality level: QL 2	Environmental Product Declaration (EPD) 
Energy recovery	Quality level: QL 1	Environmental Product Declaration (EPD) 




## Certification system: BNB Buildings (2015)

### Environmental impacts/Life Cycle Analysis (BNB criteria 1.1.1 - 1.1.5)

Environmental impacts of the product: see EPD (EPD-GRI-20210133-ICC2-DE)

Environmental Product Declaration (EPD) 

### Risks for the local environment (BNB criterion 1.1.6)

Pos.	Emissions group	Product group	Product type	Applications	Quality level (QL)
0	SVHC	All construction products referred to in Annex 1	All	-	QL 1, proof by: Manufacturer declaration 
27	Heavy metals (chrome VI)	Surface treatment	Anodised aluminium and passivated stainless steel surfaces	Aluminium and stainless steel sheets and profiles for surface cladding (facade, roof, windows, doors, gates, sun protection systems etc.)	QL 5, proof by: Manufacturer declaration  , Manufacturer declaration *
29	Heavy metals (lead, cadmium, tin), hazardous individual substances	Construction products made of plastic	Construction products made of PVC	Wall coverings, facade elements, skylight domes, window profiles, gutters, pipes, conduits and cables made of PVC as well as PVC foils for waterproofing walls and exterior basement walls	QL 5, proof by: Manufacturer declaration 







\* Documentary proof can be requested from the manufacturer.

### Primary energy requirement (BNB criterion 1.2.1)

Primary energy requirement of the product: see EPD (EPD-GRI-20210133-ICC2-DE)

Environmental Product Declaration (EPD) 

**Certification system: LEED BD+C (v4)**

Type of declaration / Application area	Declarations	Value / proof	LEED credit
Environmental product declaration	EPD	Environmental Product Declaration (EPD) 	MR: Building product disclosure and optimization - environmental product declarations
Product declarations	Recycled content pre-consumer (weight)	18.9 % (weight) Manufacturer declaration 	MR: Building product disclosure and optimization - sourcing of raw materials
Product declarations	Recycled content post-consumer (weight)	32.5 % (weight) Manufacturer declaration 	MR: Building product disclosure and optimization - sourcing of raw materials
Products applied inside using the wet process (paints, coatings, adhesives and sealants)	VOC content	0 g/l Manufacturer declaration 	EQ: Low-emitting materials
Exterior applied products	VOC content (Healthcare and schools)	0 g/l Manufacturer declaration 	EQ: Low-emitting materials
Exterior applied products	VOC emissions (Healthcare and schools)	0 mg/m3 Manufacturer declaration 	EQ: Low-emitting materials

MR certificate: Materials and Resources, EQ certificate: Indoor Environmental Quality, SS certificate: Sustainable Sites

**Certification system: BREEAM International New Construction 2016 / BREEAM DE Neubau 2018**
**Environmental impacts material (Mat 01)**

Certified environmental product declaration compliant to ISO 14025 and also EN 15804 or ISO 21930:

see EPD (EPD-GRI-20210133-ICC2-DE)

Environmental Product Declaration (EPD) 

Documentary proofs not available as a download link in this document can be requested from the manufacturer.

**Disclaimer**

The conformity of the manufacturer's declaration with the underlying information and evidence has been verified by the IBU. The manufacturer is liable for the correctness of the given data and documents.