

Declaration of construction materials for Glazed Steel doors

Declaration of construction materials applies to Daloc's security glazed steel doors **S33/Y33** and **S43/Y43** with rectangular vision panel.

Prepared in accordance with instructions for eBVD 2015.

COMPANY INFORMATION

Supplier/ Daloc AB, Box 43
Manufacturer 545 21 Töreboda
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Website: www.daloc.se
Environmental Manager: Kenny Larsson

ISO 9001 and ISO 14001 certified.

PRODUCT INFORMATION

Daloc develops, manufactures, markets and sells wooden and steel doors to meet demanding requirements.

All door manufacture is carried out in Sweden.

The products are registered in BASTA, SundaHus and Byggarubedömningen (BVB).

CONTENT OF DECLARATION

| Material/Substance | Weight as % |
|---|-------------|
| Steel EN 10346:2015:07-2015 | 66-81 |
| Mineral wool | 8-10.5 |
| Glass | 5-16.5 |
| Calcium silicate | 1-3.5 |
| Aluminium alloy ADC12 | 1-3 |
| Polyurethane adhesive | 0.2-0.4 |
| Hybrid adhesive | 0.1-0.5 |
| Glass fibre reinforced polyester ² | 0-1.5 |
| Solid wood ¹ | 0-1 |
| Water-based paint, cured | 0-0.2 |

¹ Only versions with wooden threshold.

² Only versions with composite threshold.

The content of the declaration shows Daloc's standard range. Phasing out substances or substances on the candidate list are not included in concentrations exceeding the reporting limit.

RAW MATERIALS/AUXILIARY MATERIALS

Steel panels (Europe) consist of approx. 24% recycled material.

Mineral wool (Sweden) consists of approx. 34% recycled material.

PRODUCTION PHASE

Energy consumption/door, place of production

Töreboda:

| | |
|--------------|--------------|
| Biofuels | 51.5 MJ/door |
| Electricity | 144 MJ/door |
| Fossil fuels | 14 MJ/door |

DISTRIBUTION

Manufactured in Töreboda.

Mode of transportation: Vehicle from factory to construction site.

Daloc AB is registered with FTI (Packaging & paper recycling).

Packaging:

| | |
|---------|-------|
| Wood | 98 % |
| Paper | 1.5 % |
| Plastic | 0.5 % |

CONSTRUCTION PHASE

The product must be stored in a dry area in the original packaging.

No hazardous waste is accrued during the construction phase.

The materials are delivered to size.

PERIOD OF USE

The service life of the door depends on its model, operation, maintenance and ambient environment. For the correct version, the service life of the door is expected to be more than 50 years (does not apply to wear parts, such as seals and fittings).

Also refer to the separate care instructions.

DEMOLITION

To be dismantled by removing the fasteners used during assembly.

WASTE MANAGEMENT

More than 97% of the door can be recycled.

Waste during the construction phase, EWC codes:

15 01 03 Wood packaging

15 01 01 Paper packaging

Waste during the demolition phase, EWC codes:

17 02 01 Wood

17 02 02 Glass

17 06 04 Insulation

17 04 05 Metal

The materials contain no hazardous material.

INTERNAL ENVIRONMENT

Emission measurements have been made according to SS-EN ISO 16000-9:2006. The result after 28 days shows the following results for each emission:

TVOC: Meets the requirement for M1.

Formaldehyde: Meets the requirement for M1.

CMR 1A+1B: Meets the requirement for M1.

Tested products also meet the emissions requirements for class *Recommended* in Byggarubedömningen (BVB).