

Door type S20, Y20, S23 and Y23

Holder/Issued to

Daloc AB

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Product description

Door type S20, single or double leaf door made of steel with insulation of rock wool, with or without glass pane, threshold made of wood or steel, maximum size W×H 1300×2300 mm or 1300×2400 mm, and W×H 2200×2300 mm, 2300×2300 mm or 2400×2400 mm respectively, EI 15/EI 30/E 60/A 60/E 120/A 120*.

Door type Y20, single or double leaf door made of steel with insulation of rock wool, with or without glass pane, threshold made of wood or steel, maximum size W×H 1300×2300 mm or 1300×2400 mm, and W×H 2200×2300 mm, 2300×2300 mm or 2400×2400 mm respectively, EI 15/EI 30/E 60/A 60/E 120/A 120*.

Maximum glass size, square glass 740×660 mm, circular glass ø 500 mm.

Door type S23, single or double leaf door made of steel with insulation of rock wool, with or without mail drop, threshold made of wood or steel, maximum size W×H 1300×2300 mm or 1300×2400 mm, and W×H 2300×2300 mm or 2400×2400 mm respectively, EI 15/EI 30/E 60/A 60/E 120/A 120, S_a/S₂₀₀*.

Door type Y23, single or double leaf door made of steel with insulation of rock wool, with or without mail drop, threshold made of wood or steel, maximum size W×H 1300×2300 mm or 1300×2400 mm, and W×H 2300×2300 mm or 2400×2400 mm respectively, EI 15/EI 30/E 60/A 60/E 120/A 120*.

Intended use

Fire separating and/or smoke control door in buildings.
Entrance door to homes.

Trade name

Daloc S20, Y20, S23, Y23

Type approval 1735/87 | 2018-10-22

RISE Research Institutes of Sweden AB | Certification
Box 857, SE-501 15 Borås, Sweden
Phone: +46 10-516 50 00
certifiering@ri.se | www.ri.se

2018-01-300



Approval

The products satisfy the requirements set forth in chapter 8, 4 § 2 PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR), issued by the National Board of Housing, Building and Planning.

| | |
|--|-------------------------|
| Fire resistance class EI 15/EI 30/E 60/E 120* | 5:231 |
| Fire resistance class A 60/A 120* | 5:231, second paragraph |
| Smoke leakage class S _a /S ₂₀₀ * acc. to SS-EN 13501-2 | 5:231 |
| Doors in fire class A may be used in fire cell boundaries where the requirement is EI, with corresponding time requirement** | 5:534 |

* For design and maximum size, see Product information for door type S63 and Y63, dated 2018-10-22.

** A door with fire class A 30 may be used in fire cell boundaries where the requirement is EI 30, a door with class A 60 may be used where the requirement is EI 60 and a door with class A 90 may be used where the requirement is EI 90.

Associated documents

Assembly instructions for frame type 41, 42 and 44-49, MK 4142, dated 1510
Assembly instruction for sealing strip, MK TÄTN.LIST, dated 1702

Control

The factory production control (FPC) is monitored by an independent inspection body.
Control agreement: Ref no. 210-96-0754, Inspection body: RISE Research Institutes of Sweden AB


When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this approval and associated documents. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this approval is based.

Manufacturing place

Production control includes the following place:
Daloc AB, Töreboda

Marking

The products are to be marked at the factory. The marking consists of a sign on every door supplied and includes:

| | |
|--|--|
| Holder | Daloc AB |
| Manufacturing place | Töreboda |
| Product type designation | e.g. S20 |
| Consecutive manufacture no./date of production | no/date |
| Type approval number | 1735/87 |
| Properties | e.g. A 120 |
| Boverket's registered trade mark |  |
| RISE Accreditation number | 1002 |
| Certification body and Inspection body | RISE |

Basis for judgement/approval

Reports no. 94R12518, 96R12814, 96R12825, 96R12831, 97R12912, 98R13061, P401663, P502556, P504526, P800158A, P903259, PX18486, 4P01694, 6P05771, 6P07129 and 6P09868 and assessments no. 98R13107B, 99R13225, P705019 and P705040A from SP Technical Research Institute of Sweden, reports no. PG12188 and PG12211 from Dansk Brand- og sikringsteknisk Institut (DBI).

Drawings according to "Ritningsförteckning S20, Y20, S23, Y23" dated 2018-07-04.

Comments

Assembly instruction is to be enclosed to every door delivered.

When the door is marked with only fire technical properties and/or smoke leakage class S_a, it can be performed without threshold and with a gap of maximum 18 mm at the base to the floor. This is not valid for doors facing a stairwell.

For door Y20 and Y23, the holder of this certificate shall be able to show documentation that verifies relevant characteristics according to appendix ZA in EN 14351-1.

This approval supersedes the previous approval with the same number dated 2013-12-06, with project number 3P05729.

Validity

Valid through 2023-10-21.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

Johan Åkesson

Annika Hermodsson

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence.