

PRODUCT CERTIFICATE

Eurofins Expert Services Oy has issued this Product Certificate based on 1.1.2018 withdrawn Finnish Ministry of the Environment Decree on the Type Approval of fire doors.

Applicant	Duuri Oy, Helsinki
Manufacturer	RUG CZ, s.r.o. Plzeň, CZ
Product	Softline Protect inspection hatch

Softline Protect inspection hatch is manufactured according to drawings 22592, 22952-1, B225920, U227021, U225922, C225923, 22596, 22596, 22596-1, B225960, U225961, U225966, C225967, 22594, 22594-1, B225940, B227091, U225944, C225945, B227019, B227089, U221827 (22.3.2018) and is mounted according to mounting instructions Version 1 1.9.2016.

Resistance to fire class

Inspection hatches meets fire classes **EI₁ 30** and **EI₂ 30**, when classified according to standard SFS-EN 13501-2.

Table 1. Resistance to fire class according to nominal size and horizontal supporting construction.

Nominal size of the hatch [mm] (width x height)	Fire resistance
	EI₁ 30* and EI₂ 30*
100...200 x 150...200	x
200...400 x 300...400	x
300...600 x 450...600	x

x = meet the resistance to fire class requirements

* = when installed into the gypsum board covered ceiling construction.

CONDITIONS OF THE APPROVAL

Dimensions and construction of the hatch

Dimensions of the hatch is presented in the drawings.

Frame of the hatch is constructed of 0.75 mm thick galvanized steel profile up to hatch size 400 mm x 400 mm and of 1.0 mm thick galvanized steel profile in larger hatches. Depth of the frame profile is 24 mm.

Door leaf is constructed of 0.75 mm thick galvanized steel sheet up to hatch size 400 mm x 400 mm and leaf is insulated with fiberboard and gypsum board. Leaf of the larger hatches is constructed of 0.8 – 1.0 mm thick steel sheet and insulated with fiberboard and gypsum board.

Leaf is fixed to the frame with steel rivet on the opposite side of the lock.

The maximum permitted primary gap* on the hinge side is 3,5 mm, on the lock side 3,0 mm, upper side edge 3,5 mm and at bottom side edge 3,0 mm.

* = primary gap is the gap perpendicular to the face of the leaf. The maximum permitted gap size is defined in standard EN 1634-1:2014 chapter 13.3.3.2.5.

Decorative laminate or timber veneer with maximum thickness of 1.5 mm may be added to the faces of the door leaf and frame. The decorative material shall not be applied to the edges of the door leaf.

Detailed structure of the hatch is illustrated in the drawings.

Installation

Inspection hatch can be installed into the opening of gypsum board covered EI 30-class steel or timber framed horizontal construction, which is clad with two layers of 13 mm thick gypsum boards. Total thickness of the gypsum boards shall be minimum 25 mm.

Cut out opening for hatch can exceed the frame dimensions by 5 mm.

Frame of the inspection hatch is fixed with screws to the ceiling structure.

Fixing of the hatch shall be done according to the mounting instructions.

Installation instruction (1.9.2016), which shall include mounting, fixing and operating instructions, shall be delivered.

Other conditions

Operating instruction shall also be delivered to the responsible party of the building.

MARKING

Marking plates shall be fastened to the leaf or to the frame. Metal plates with dimensions eg. 25 mm x 55 mm x 0.5 mm shall be permanently marked with the following information:

- EUFI29-20005420-THTOD
- EI₁ 30 or EI₂ 30
- Name of the manufacturer
- Year of manufacture

Plate shall include only one fire resistance class.

VERIFICATION OF THE QUALITY CONTROL

Verification Body of Quality control

Eurofins Expert Services Oy, Espoo

Quality control contract

Quality contract A-1078-20 signed on 22.10.2020 or updated afterwards.

REMARKS

Product Certificate based on the withdrawn Finnish Ministry of the Environment Decree on the Type Approval is public document and available on page www.sertifikaattihaku.fi

Product had previously product certificate TH Tod. 00030-18.

CONDITIONS OF THE VALIDITY

The validity of the certificate will be ended, if the product falls into the scope of CE-marking.

Product Certificate is issued for five years. Because this product certificate is based on the withdrawn Finnish Ministry of the Environment Decree on the Type Approval, the applicability of new regulations and standards concerning the certified products must be checked, when reference is made to this certificate.

Eurofins Expert Services requires annual surveillance for the manufacturer's internal quality control in order to verify that the product corresponds to the properties that manufacturer has declared.

The manufacturer is responsible for the quality and continuous quality control of the product. In granting this certificate, Eurofins Expert Services Oy does not accept responsibility to any person or body for any loss or damage incurred in respect of personal injury arising as direct or indirect result of the use of this product.

The use of the name of Eurofins Expert Services Oy or the name Eurofins in any other form in advertising or distribution in part of this certificate is only permissible with written authorisation from Eurofins Expert Services Oy.

CANCELLATION OF THE CERTIFICATE

The certificate will be cancelled if:

- The construction product does not fulfil the requirements presented in the land use and building act or the technical requirements based on the act.
- The importer or the manufacturer or its representative does not correct the flaws detected by the quality control.
- The usage of the construction product is prohibited by Finnish Safety and Chemicals Agency (Tukes) or the importer or the manufacturer or its representative is ordered to withdraw the product from the markets by Tukes.

BASIS OF THE APPROVAL

Withdrawn Decree of the Finnish Ministry of Environment of the type Approval of fire doors 22.10.2007.

Following test reports and EN standard:

- VTT-S-01896-18 (24.4.2018), VTT Expert Services Oy, Suomi
- Standard EN 1634-1

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This document has been signed electronically

This document is the English version of the original certificate. In case of dispute the Finnish original certificate is valid.

ANNEXES

FOR INFORMATION

Quality controller