



# CERTIFIKAT

## Certificate of constancy of performance

**No. 0402 - CPR - SC0768-13**

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

**Fire damper**  
as specified in appendix to this certificate

**Product name: KSOF**

produced by or for

**Fläkt Woods Oy**  
**Kalevantie 39**  
**FI-205 20 TURKU**  
**Finland**

and produced in the manufacturing plant

**Fläkt Woods Oy, Hämeentie 23, FI-37801 AKA, Finland**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

**EN 15650:2010**

under system 1 are applied and that

**the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 2013-09-13 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Borås 2013-09-13

**SP Technical Research Institute of Sweden**  
**Certification, Notified Body No. 0402**

  
Lennart Månsson  
Certification Manager

  
Per Adolfsson  
Certification Officer

**SP Technical Research Institute of Sweden**

Postal address Phone / Fax Reg. number E-mail / Internet  
Box 857 +46 10 516 50 00 556464-6874 info@sp.se  
SE-501 15 Borås +46 33 13 55 02 www.sp.se  
SWEDEN

Swedish Notified Bodies are appointed by SWEDAC, the Swedish Board for Accreditation and Conformity Assessment, under the terms of Swedish legislation.  
This certificate may not be reproduced other than in full, except with the prior written approval by SP.

This is issue 1. 3P04375

### Specifications

#### Product

Cone valve fire damper KSOF to be used in conjunction with walls to maintain compartmentation in heating, ventilating and air conditioning installations in buildings. The damper closes by a spring connected to a thermal release mechanism.

#### Nominal sizes

Diameter 100 to 200 mm

#### Thermal release mechanism

Melting fuse

#### Installation

The fire damper may be installed onto the face of rigid or flexible walls. Minimum 200 mm between fire dampers installed in separate ducts and minimum 75 mm between the fire damper and a construction element (wall/floor). Detailed information may be found in the relevant classification report.

#### Fire resistance classification

<b>E 45 (ve i↔o) S</b>	installed to supporting constructions [1], [2] or [5]
<b>E 60 (ve i↔o) S</b>	installed to supporting constructions [1] or [3]
<b>E 60 (ve i↔o)</b>	installed to supporting constructions [1], [3] or [5]
<b>E 120 (ve i↔o) S</b>	installed to supporting constructions [1] or [4]

#### Supporting constructions

- [1] Rigid walls, thickness minimum 100 mm
- [2] Walls of cellular or hollow masonry blocks or slabs with fire resistance classification equal or greater than 45 minutes
- [3] Walls of cellular or hollow masonry blocks or slabs with fire resistance classification equal or greater than 60 minutes
- [4] Walls of cellular or hollow masonry blocks or slabs with fire resistance classification equal or greater than 120 minutes
- [5] Flexible walls, thickness minimum 140 mm and minimum two 12.5 mm boards on either side

#### Other

The manufacturer shall provide appropriate installation details and maintenance information.