



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 2014-02-10

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


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by SP.

This is issue 2. 4P00600

Specifications

Product

Cone valve fire damper KSOFF to be used in conjunction with walls or floors 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 walls or floors. 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

E 45 (ve i↔o) S	installed to supporting constructions [1], [2] or [5]
E 60 (ve ho i↔o) S	installed to supporting constructions [1], [3] or [6]
E 60 (ve i↔o)	installed to supporting constructions [1], [3] or [5]
E 120 (ve i↔o) S	installed to supporting constructions [1] or [4]
E 120 (ho i↔o)	installed to supporting constructions [7] or [8]

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
- [6] Floors of cellular or hollow masonry blocks or slabs with fire resistance classification equal or greater than 60 minutes
- [7] Floors of cellular or hollow masonry blocks or slabs with fire resistance classification equal or greater than 120 minutes
- [8] Rigid floors, thickness minimum 125 mm