

# Certificate

## SC0185-16

The product described below and production control has been found to comply with Building Regulations of the National Board of Housing Building and Planning (BBR) with reference to and under conditions described in this certificate.

### Fire protection system with Fire damper WK45

#### Holder

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#### Product

Fire protection system with fire damper WK45. Single blade rectangular duct connected fire damper for flush mounting in wall or floor. The fire damper consists of housing in galvanized sheet steel and damper blade in non-combustible materials, electrical spring return actuator, limit switches and thermal tripping device. Size, W × H, 200×200 mm to 1500×800 mm. Activation is with a heat and/or smoke detector. The damper must be connected to the monitoring system. Function tests shall be performed at least once every 48 hours.

#### Intended use

Fire protection system with fire damper WK45 connected to monitoring system designed to prevent fire and smoke spread in the ventilation system, which breaks through fire separating walls and floors.

#### Trade name

WK45.

#### Approval

The product have been found to meet the requirements in the following sections of Boverket Building Regulations (BBR):

2) Operating and maintenance instructions, etc.	2:51
2) Technical installations and ventilation systems	2:52
2) Documentation relating to operation and maintenance	5:12
1) Fire class max. *EI 180 (v <sub>e</sub> i ↔ o) S according to EN 13501-3	5:231
1) Fire class max. *EI 180 (h <sub>o</sub> i ↔ o) S according to EN 13501-3	5:231
2) Dampers	5: 2551
2) HVAC systems	5: 533
2) Hygiene, health and environmental- materials	6:11
2) Hygiene, health and environmental- microorganisms	6:24

### Approval continue

- 2) Hygiene, health and environmental- airtightness 6: 255  
 air leakage damper blade class 2 according to EN 1751  
 air leakage damper house class C according to EN 1751
- 2) Protection against collision and crushing 8: 3

1) Property verified the BBR by the CE mark according to EN 15650.

2) Property verified the BBR by product certification according to the certification rule CR 032.

\* View associated documents and the Declaration of performance.

### Associated documents

"Lindab Brandspjäll WK45, Teknisk handbok", dated 2017-03, 48 pages.

"Lindab Brandspjäll WK45, Installationsanvisning", dated 2017-03, 16 pages.

### Control

When the building proprietor performs inspection at the building site, he shall check the markings to ensure that the correct products have been supplied and that they are used in accordance with the requirements stated in the approval and the associated documents.

### Manufacturer

Production control includes the following site:

MP3 srl Camposampiero PD, Italy.

### Marking

The product is to be marked at the factory. The marking consists of a label on every delivered fire damper and includes:

Approval holder / manufacturing site

Distributor

P-mark

Certification body

Product type designation

Certificate number

Fire properties

Fire properties

Consecutive manufacture No./date of production

**MP3 srl Camposampiero PD, Italy.  
 Lindab Sverige AB, Båstad, Sweden**



**SP Certifiering**

**WK45**

**SC0185-16**

**EI 180 (v<sub>e</sub> i ↔ o) S**

**EI 180 (h<sub>o</sub> i ↔ o) S**

**No/date**

### Basis for approval

DECLARATION OF PERFORMANCE n°1.3 (n°1 rev.3).

EC certificate of conformity of performance No. 1812-CPR-1006.

Report EFR-15-T-000410 from efectis france, France.

Drawing: SQUARED EUROPEAN FIRE DAMPER WK45, dated 2015-03-13.

**Comments**

Assembly instructions must accompany each fire damper delivered.

**Period of validity**

This certificate is valid until 10 April 2022.

**SP Technical Research Institute of Sweden  
Certification**

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