

**This certificate of compliance validates the following**

<b>TEST REPORT NUMBER:</b>	<b>3619/7145</b>	<b>CERTIFICATE NUMBER:</b>	<b>UAE-033/15</b>
<b>DATE OF ISSUE:</b>	<b>2005-08-01</b>	<b>DATE OF ISSUE:</b>	<b>2020-03-26</b>
<b>DATE OF EXPIRY:</b>	<b>N/A</b>	<b>DATE OF EXPIRY:</b>	<b>2025-03-25</b>

**NAME OF FACTORY/  
MANUFACTURER:** TROX GmbH

**FACTORY  
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**NAME OF THE  
BRAND:** TROX

**MODEL/NO:  
LOGO ON THE  
PRODUCT:** FK-EU

**CERTIFICATION  
MARK:**



**DESCRIPTION OF THE  
PRODUCT:** Fire dampers are used in ventilation ducts to prevent a propagation of smoke and heat in buildings in case of fire in certain areas. They shut off the transport of smoky and hot gases and make it easier for people to leave and for the fire fighters to enter the building.

**TEST STANDARD:** EN 1366-2; EN 1363-1

**TEST DESCRIPTION:** Two fire dampers were tested flange-to-flange according to EN 1366-2 and EN 1363-1 being installed in solid wall construction (thickness: 100 mm). The performance parameters were integrity, insulation and smoke leakage for test periods of 122 min.

**SPECIFICATION OF  
TEST SPECIMEN:** The fire dampers tested were rectangular and had a size of 800 mm x 1,500 mm. The driving equipment was installed on the 'cold' side with the axis in vertical orientation.

TEST RESULT:	MAINTENANCE OF FUNCTION	INTERPRETATION	RESULT
	INTEGRITY AND SMOKE LEAKAGE FOR 120 MIN	SUCCESSFUL	PASS
	INSULATION FOR 107 MIN	SUCCESSFUL	PASS

**NAME OF TEST FACILITY:** MPA Braunschweig

**TEST FACILITY  
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**PRODUCT APPLICATION  
GUIDELINE (END USE):** The fire damper should be mounted with a vertical orientation of the blade in a solid wall with at least 100 mm thickness. The size of the fire damper should be at least 200 mm x 200 mm and should not exceed 800 mm x 1,500 mm.

**SIGNED BY:** Dr.-Ing. W. Hinrichs  
Head of certification

The above certificate is valid only when installed in accordance with the 'Product Application Guideline (End Use)'. To verify the validity of the product please log into our website, click on 'others' and then on 'certificates'. You will find a list of manufacturers and a certificate with the number as given above.

<b>ACCREDITED BY:</b>	<b>DAkks</b>	<b>DAkks</b>
<b>AS PER:</b>	<b>ISO/IEC 17065</b>	<b>ISO/IEC 17025</b>
<b>VALIDITY:</b>	<b>1<sup>st</sup> OCTOBER 2022</b>	<b>N/A</b>
<b>REFERENCE NUMBER:</b>	<b>D-ZE-11267-01-00</b>	<b>D-PL-11267-01-02</b>

**THE LIST OF ACCREDITED TESTS (FIRE AND LIFE SAFETY PRODUCTS ONLY)**

TEST STANDARD	TITLE
EN 1363-1	Fire resistance tests – Part 1: General Requirements
EN 1366-2	Fire resistance tests for service installations – Part 2: Fire dampers
EN 15650	Ventilation for buildings - Fire dampers
EN 12101-7	Smoke and heat control systems – Part 7: Smoke duct sections
EN 1366-8	Fire resistance tests for service installations – Part 8: Smoke extraction ducts
EN 1366-9	Fire resistance tests for service installations – Part 9: Single compartment smoke extraction ducts
EN 1366-10	Fire resistance tests for service installations – Part 10: Smoke control dampers
EN 13501-4	Fire classification of construction products and building elements – Part 4: Classification using data from fire resistance tests on components of smoke control systems

