

2nd April 2015

**TROX: New CE-marked smoke control damper ensures safety  
Maximum performance – leading in Europe**

It does not need more than the EN 13501-4 classification to demonstrate the performance of the EK-EU smoke control damper according to EN 12101-8:

**EI 90 ( $v_{edw} - h_{odw}$ ,  $i \leftrightarrow o$ ) S1500 C<sub>mod</sub> MA multi**

describes the impressive special features: The EK-EU smoke control damper is made of calcium silicate and ensures fire integrity for more than 90 minutes. It has been tested with pressure level 3, which is the highest (-1500 Pa to + 500 Pa), for different application situations, horizontally and vertically installed, and with the actuator on the exposed and non-exposed side. It can also be installed in smaller ducts or for higher volume flow rates. The EK-EU can be released manually or automatically. It is controlled by the TROX control module AS-EM or AS-EM/SIL. In the event of a fire, the EK-EU can still fully open or close after 25 minutes. Brass bearings and a stainless steel shaft make the EK-EU a robust, durable unit. The EK-EU withstands the required maximum 20,000 open/close cycles with a weight attached to the damper blade, as stated in the test certificate.

The test requirements according to the European test standard EN 1366-10 are more stringent than in the past. The EK-EU has successfully passed cycle tests, leakage tests and fire tests; it can be used with cover grilles, and with AS-EM and AS-EM/SIL control modules, is suitable for pressure level 3, C<sub>mod</sub>, can be installed into walls and ceilings, and in and on ducts, horizontally and vertically, and in smoke extract ducts with only 35 mm wall thickness. The declaration of performance is a testimony to the EK-EU's safety everywhere in Europe.



*The new TROX EK-EU smoke control damper meets almost all test requirements of the EN 1366-10 test standard with the best results and is hence the leading product in Europe.*

Press Release



TROX is leading in the development, manufacture and sale of components, units and systems for the ventilation and air conditioning of rooms. With 30 subsidiary companies in 30 countries on 5 continents, 14 production facilities, and importers and representatives, TROX is present in over 70 countries. Founded in 1951, the world market leader, whose TROX GROUP International Head Office is in Germany, is expected to generate in 2014 with a total of 3,700 employees around the globe revenues of nearly €500 million.

**For further information or should you have any questions about TROX, please contact:**

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Press Release