



BUILDING RESEARCH INSTITUTE CERTIFICATION DEPARTMENT

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EC CERTIFICATE OF CONFORMITY

1488-CPD-0278/W

In compliance with Council Directive 89/106/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (the Construction Products Directive or CPD), as later amended, it has been stated that the construction product

FIRE DAMPERS GRYFIT LX-5

equipped with following actuating mechanisms:

- Fire damper actuating mechanism type FDG-WT-5-24, FDG-WT-5-230, FDG-WT-8-24, FDG-WT-8-230, FDG-WT-20-24, FDG-WT-20-230 equipped with thermo-tripping device
- Fire damper actuating mechanism type BLF24-T, BLF24-ST, BLF 230-T i BF24-T, BF24-T-ST, BF 230-T equipped with thermo-tripping device BAE
- Fire damper actuating mechanism type FDG-8-24 or FDG-8-230 equipped with thermo-tripping device type GRYFIT H
- Fire damper actuating mechanism type: SLF1.90T/14, SFL 2.90T/14 equipped with thermo-tripping device ST
- Fire damper spring actuating mechanism equipped with thermo release mechanism or micro-switchers type 1WKKP to indicate open or close position or tripping solenoid 24 V DC

classification of fire resistance in accordance with PN-EN 13501-3+A1:2010

EI 120 (ve, ho i ↔ o)S

properties in accordance with Annex No. Z-1488-CPD-0278/W
which is an integral part of the certificate

placed on the market by

CIAT Sp. z o.o.
ul. Langiewicza 62

CIAT Sp. z o.o. (5) 95-050 Konstancin Łódzki
ul. Langiewicza 62, 95-050 Konstancin Łódzki

and-produced in the factory

CIAT Sp. z o.o.
ul. Langiewicza 62
95-050 Konstancin Łódzki

ADRES DO KORESPONDENCJI:
ul. Prosta 2A, Łozienica, 72-100 Goleniów
tel. (48) 91 431 82-00, fax. (48) 91 431 82 40
NIP. 955-20-56-374 REGON 812551823

PREZES ZARZAD
R. Jankowski
Województwo Łódzkie

**ZA ZGODNOŚĆ
Z ORYGINALEM**

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body No. 1488 - Building Research Institute - has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

EN 15650:2010

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 02.11.2012(updated on 08.04.2013) and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

HEAD
of the Certification Department

Barbara Dobosz
Barbara Dobosz



DIRECTOR
of the Building Research Institute

Jan Bobrowicz
Jan Bobrowicz

Warsaw, 08.04.2013



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AC 020

PREZES ZARZĄDU

Roman Udrzejowski

**ZA ZGODNOŚĆ
Z ORYGINAŁEM**

CIAT Sp. z o.o. (5)

Langiewicza 62, 95-050 Konstantynów Łódzki

Annex No. Z-1488-CPD-0278/W

which is an integral part of the certificate
No. 1488-CPD-0278/W

ADRES DO KORESPONDENCJI:

Prosta 2A, Łozienica, 72-100 Goleniów

tel. (48) 91 431 82-00, fax. (48) 91 431 82 40

MP 955-20-56-374 REGON 812551823

ul. Filtrów 1, 00-611 Warszawa

FIRE DAMPERS GRYFIT LX-5

classification of fire resistance in accordance with PN-EN 13501-3+A1:2010

EI 120 (ve, ho i ↔ o)S

Durability of operational reliability (open and closing cycle tests):

- Cycles 10 000 – fire damper equipped with following actuating mechanisms equipped with thermo-tripping device: BF 230-T, BLF230-T, FDG-WT-8-230
- Cycles 300 - fire damper equipped with spring actuating mechanism with micro-switchers type 1WKKP to indicate open or close position and tripping solenoid 24 V DC

Fire dampers GRYFIT LX-5 can be installed in the following vertical and horizontal space dividing elements:

- concrete floor with a thickness not smaller than 150 mm,
- concrete wall with a thickness not smaller than 125 mm
- hollow brick walls with a thickness not smaller than 125 mm,
- concrete masonry walls with a thickness not smaller than 125 mm,
- plasterboard walls installed with metal studs framing approved to fire resistance class not less than EI 120 with a thickness not smaller than 125 mm

Fire dampers GRYFIT LX-5 are equipped with thermal release mechanism for $72 \cdot C \pm 2 \cdot C$ (type GRYFIT) or $95 \cdot C \pm 2 \cdot C$ (type GRYFIT H) or thermo-electric tripping devices types: BAE 72 for $72 \cdot C$

Durability of response delay positively passed

Fire dampers GRYFIT LX-5 positively passed salt spray exposure test

Dimensions:

Nominal dimensions L x H min (200 x 200) mm - max L x H min (1500 x 1200) mm, diameter: min 100 mm, max 1000 mm

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Warsaw, 08.04.2013

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