



**BUILDING RESEARCH INSTITUTE
CERTIFICATION DEPARTMENT**

ul. FILTROWA 1, 00-611 WARSZAWA
ph.: +48 (22) 57 96 167, +48 (22) 57 96 168, fax: +48 (22) 57 96 295
e-mail: certyfikacja@itb.pl, www.itb.pl



AC 020

EC CERTIFICATE OF CONFORMITY

1488-CPD-0279/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 CX-4S

equipped with spring actuating mechanism release by thermal-release mechanism
fire dampers additionally can be equipped with micro-switchers type 1WKKP to indicate open or close position

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

EI 120 (ve i ↔ o)S

properties in accordance with Annex no Z-1488-CPD-0279/W
which is an integral part the certificate

placed on the market by

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

95-050 Konstancin Łódzki

CIAT Sp. z o.o. (S)

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 855-20-56-374 REGON 812551823

ul. Prosta 2A, 72-100 Łozienica, 72-100 Goleniów 72-100 1001

and produced in the factory

CIAT Sp. z o.o.

ul. Langiewicza 62

95-050 Konstancin Łódzki

PREZES ZARZĄDU

Roman Jędrzejewski

**ZA ZGODNOŚĆ
Z ORYGINAŁEM**

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 15.11.2012 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.

DEPUTY HEAD
of the Certification Department

M. Maciejak
Piotr Maciejak



Warsaw, 15.11.2012

DEPUTY DIRECTOR
of the Building Research Institute

M. Kaproń
Marek Kaproń



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CIAT Sp. z o.o. (5)

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FIRE DAMPERS GRYFIT CX-4S

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

EI 120 (ve i ↔ o)S

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

Cycles 300 – fire damper equipped with spring actuating mechanism equipped and micro-switchers
type 1WKKP to indicate open and close position

Fire damper GRYFIT CX-4S can be installed in the following vertical space dividing elements:

- concrete wall with a thickness not smaller than 115 mm,
- hollow brick walls with a thickness not smaller than 115 mm,
- concrete masonry walls with a thickness not smaller than 115 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 CX-4S are equipped with thermal release mechanism for $72^{\circ}\text{C}\pm 2^{\circ}\text{C}$ or $95^{\circ}\text{C}\pm 2^{\circ}\text{C}$

Durability of response delay positively passed

Fire dampers GRYFIT CX-4S positively passed salt spray exposure test

Dimensions:

Nominal dimensions from $\varnothing 100$ mm to $\varnothing 200$ mm

DEPUTY HEAD
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of the Building Research Institute

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Warsaw, 15.11.2012