





# BUILDING RESEARCH INSTITUTE CERTIFICATION DEPARTMENT

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**Annex No. Z-1488-CPD-0280/W**

which is an integral part of the certificate  
No. 1488-CPD-0280/W

ADRES DO KORESPONDENCJI:

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**ZA ZGODNOŚĆ  
Z ORYGINAŁEM**

PREZES ZARZĄDU

*R. J. Jan Bobrowicz*  
Roman Jędrzejewski

## FIRE DAMPERS GRYFIT CX-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, FDG-WT-8-24, 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 CX-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 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-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 CX-5 positively passed salt spray exposure test

Dimensions:

Nominal diameter: min 100 mm, max 630 mm

HEAD  
of the Certification Department

*Barbara Dobosz*  
Barbara Dobosz



Warsaw, 05.06.2013

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