

# BRE Global Ireland

**Notified Body No. 2831**  
BRE Global Assurance (Ireland) Limited  
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## Certificate of constancy of performance 2831-CPR-P0004

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9th March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s).

### Fire Damper 0160 Series Fire Damper

*(For full product details and conditions of use refer to appendix)*

Placed on the market under the name or trademark of: and produced in the manufacturing plant(s):

Advanced Air (UK) Ltd  
Burrell Way  
Thetford  
Norfolk  
IP24 3QU  
United Kingdom

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Burrell Way  
Thetford  
Norfolk  
IP24 3QU  
United Kingdom

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

### EN 15650:2010 Ventilation for buildings: Fire Dampers

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure

### the constancy of performance of the construction product.

This certificate was first issued on 22 October 2019 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

David Gall, Certification Engineer

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 22 October 2019  
Issue Date: 14 November 2023  
Issue Number: 03

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email [enquiries@breglobalireland.ie](mailto:enquiries@breglobalireland.ie)

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**APPENDIX to Certificate of constancy of performance: 2831-CPR-P0004**

**Fire Damper 0160 Series**  
 Fire Damper

Installation	Result	Classification
0160 HEVAC with horizontal blades, in minimum 150mm thick aerated concrete wall of density 650 kg/m <sup>3</sup> or higher	E 120 (Ve i ↔ o)	EFR-21-001846 – 8.3.1
0160 HEVAC in minimum 150mm thick aerated concrete floor of density 650 kg/m <sup>3</sup> or higher	E 120 (Ho i ↔ o)	EFR-21-001846 – 8.3.2
0160 AFS in minimum 150mm thick aerated concrete floor of density 650 kg/m <sup>3</sup> or higher	E 120 (Ho i → o)	EFR-21-001846 – 8.2.8
0160 AFS mounted with drop rods in centre of wall and closure boards and horizontal blades, in 2-hour group B or C flexible construction or rigid construction of minimal thickness 135mm	E 120 (Ve i ↔ o)	EFR-21-001846 – 8.2.5
0160 AFS with horizontal blades, in minimum 150mm aerated concrete wall (up against Lintel) of density 650 kg/m <sup>3</sup> or higher	E 120 (Ve i → o)	EFR-21-001846 – 8.2.9
0160 with AFS mounted with drop rods on one side in a minimum 117mm thick 2-hour British gypsum flexible construction	E 120 (Ve i ↔ o)	EFR-21-001846 – 8.2.2
0160 with AFS mounted with drop rods on one side in a minimum 107mm thick 2-hour British gypsum flexible construction	E 120 (Ve i → o)	EFR-21-001846 – 8.2.3
0160 with AFS mounted with drop rods on one side in a minimum 85mm thick SINIAT gypsum flexible construction	E 90 (Ve i ↔ o)	EFR-21-001846 – 8.2.4
	E 120 (Ve i ← o)	EFR-21-001846 – 8.2.4
0160 AFS, 4 off dampers in a multi-section arrangement, mounted with drop rods on both sides and horizontal blades, in 2-hour group C flexible construction or rigid construction of minimal thickness 136mm	E 120 (Ve i ↔ o)	EFR-21-001846 – 8.2.7

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0160 with AFS, with drop rods on both sides, in a group A, B or C flexible or rigid supporting construction of minimum thickness 94mm with FLEXICOAT seal	E 90 (Ve i ↔ o)	EFR-21-001846 – 8.2.10
	E 120 (Ve i ↔ o)	EFR-21-001846 – 8.2.10
0160 on exposed side with AFS, with drop rods on one side, in a Trimoterm FTV perform C, Power S supporting construction	E 120 (Ve i ↔ o)	EFR-21-001846 – 8.2.11
0160 with drywall flange and cleats with horizontal blades, in 2-hour group B or C flexible construction or rigid construction of minimal thickness 131mm	E 120 (Ve i ↔ o)	EFR-21-001846 – 8.4.1
0160 AFS mounted with drop rods on one side and horizontal blades, in 1-hour group A, B or C flexible wall construction or rigid construction of minimal thickness 94mm	E 60 (Ve i ↔ o)	EFR-21-001846 – 8.2.1
0160 AFS mounted with drop rods on one side and horizontal blades, in 2-hour group B or C flexible construction or rigid construction of minimal thickness 131mm	E 120 (Ve i ↔ o)	EFR-21-001846 – 8.2.6

<b>Product name: Fire Damper 0160 series (intended use as above)</b>	
Nominal activation conditions/sensitivity: -sensing element load bearing capacity	<b>Pass</b>
-sensing element response temperature	<b>Pass</b>
Operational reliability: -cycling	<b>50 cycles - Pass</b>

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