

Declaration of Performance

DoP - NCA S700 issue B

- 1 **Product:** NCA Series 700
- 2 **Intended use:** Fire damper
- Intended to be used in conjunction with partitions to maintain fire compartments in heating, ventilating and air conditioning installations
- 3 **Manufacturer:** HVC Supplies (Stourbridge) Ltd
Jason House
91 - 95 King William Street
Amblecote
West Midlands
DY8 4EY
United Kingdom
- www.h-v-c.com
- 5 **System of AVCP:** System 1
- 6 **Harmonised standard:** EN 15650:2010
- Notified body:** 0370
LGAI Technological Center, S.A (Applus)
- Certificate of constancy of performance no.:** 0370-CPR-3904
- 7 **Declared performances:** See below

Essential characteristics: Fire resistance

Installation code	Frame type	Supporting construction		Orientation	Nominal size range (w x h, mm)		Classification (EN 13501-3)
		Type	Details		Minimum	Maximum	
S700-2VP	Plate	Flexible wall	Thickness ≥ 94mm Fire resistance ≥ 60 minutes Minimum EI60 group A (per EN1363-1:2020)	Vertical	200 x 200	2074 x 2074	E 120 (ve i↔o) S
S700-2VM	Plate	Rigid wall	Thickness ≥ 100mm	Vertical	200 x 200	2074 x 2074	E 120 (ve i↔o) S
S700-2HC	Plate	Concrete floor	Thickness ≥ 150mm Density ≥ 600kg/m ³	Horizontal	200 x 200	1000 x 1000	E 120 (ho i↔o) S

Essential characteristics: Other

Nominal activation conditions/sensitivity: • sensing element load bearing capacity • sensing element response temperature	Pass
Response delay (response time): • closure time	16s (Pass)
Operational reliability: • cycling (50 cycles)	Pass
Durability of response delay: • sensing element response to temperature and load bearing capacity	Pass
Durability of operational reliability • open and closing cycle tests (10,000 cycles)	Pass

Non-essential characteristics

Damper blade leakage (EN 1751:2014)	Class 2
Damper case leakage (EN 1751:2014)	Class C

The performance of the product identified above is in conformity with the set of declared performance/s.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Mr J P Nicklin
Director

Amblecote, 05/02/2024