

## DECLARATION OF PERFORMANCE (EU) 305/2011

### DoP N° : DC464.2.00

1. **Identification code of the product type**      Controlled door closing devices
2. **Type number**      DC464.2    EN4 Floorspring
3. **Intended use**      On fire and smoke compartmentation doors
4. **Manufacturer**      ASSA ABLOY Italia S.p.A.  
via Bovaresa,13  
40017- San Giovanni in Persiceto (BOLOGNA) ITALY
5. **System of assessment and verification of constancy of performance**      System 1

**6. The construction product is covered by a harmonised standard**

Notified Body – N. 1121	Harmonised Standard	CE Certificate / Certification Date
Warrington Certification Limited, part of Exova (UK) Ltd. – Lochend Industrial Estate, Newbridge, Midlothian, EH28 DPL, (UK)	EN1154:1996 + A1:2002 +AC:2006	1121-CPD-AD5076 26/03/2013

7. **Declared Performance:**  
Classification acc. to EN1154:1996 + A1:2002 + AC:2006

DC464.2	3	8	4	1	1	3
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Essential Characteristics	Performance	Harmonised Technical Specification
<b>Self-closing</b>		
5.2.1. General		EN1154:1996 + A1:2002 + AC:2006
5.2.3. Closing moment	Value > Table 1	
5.2.4 Opening moment	Value > Table 1	
5.2.5 Efficiency	Value > Table 1	
5.2.6 Closing time	T<3s or T>20s. Variation OK after 500.000 cycles	
5.2.7 Angles of operation	Grade 3: for closing doors from at least 105° open (≤175°)	

**ASSA ABLOY Italia S.p.A.**

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5.2.8 Overload performance	Withstands the closing overload tests	
5.2.9 Temperature dependence	Closing time (from 90° opening position) at 40°C and -15°C: ≥3s and ≤25s	
5.2.10 Fluid leakage	None throughout the test	
5.2.11 Damage	None throughout the test	
5.2.12 Latch Control	Variable between 15° - 0°	
5.2.13 Backcheck	NPD	
5.2.14 Delayed closing	NPD	
5.2.15 Closing force	EN4	
5.2.16 Zero position	0 cycles: ≤ 3 mm; 500.000 cycles: ≤ 6 mm	
5.2.18 Fire/Smoke door suitability	Grade 1: suitable for use on fire/smoke doors (≥EN3)	
<b>Durability of self-closing</b>		
5.2.2. Durability	Grade 8: 500.000 test cycles	
5.2.17.1 Corrosion resistance	Grade 3: high resistance	
5.2.17.2 Corrosion resistance	The closing moment is >80% of the value measured prior to the salt spray test	
<b>Dangerous Substances</b>	The materials used in this product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulation	

#### 8. Declaration of Performance:

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer.

Maddalena Marchesini (Managing Director - ASSA ABLOY Italia S.p.A.)



S. Giovanni In Persiceto – Bologna (Italy)-21/03/2017

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