

**DECLARATION OF PERFORMANCE
(EU) 305/2011**

DoP N° : DC477.2.00

- 1. Identification code of the product type** Controlled door closing devices
- 2. Type number** DC477.2 EN2-4 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. 0425	Harmonised Standard	CE Certificate / Certification Date
ICIM S.p.a. – Piazza Don Mapelli,75 -20099 SESTO SAN GIOVANNI (MI) - ITALY	EN1154:1996 + A1:2002 +AC:2006	0425-CPR-002221 21/03/2017

7. Declared Performance:

Classification acc. to EN1154:1996 + A1:2002 + AC:2006

DC477.2	3	8	2/4	1	1	4
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Essential Characteristics	Performance	Harmonised Technical Specification
Self-closing		
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	

ASSA ABLOY Italia S.p.A.

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5.2.7 Angles of operation	Grade 3: for closing doors from at least 105° open (≤175°)	
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	EN2-4	
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)	
Durability of self-closing		
5.2.2. Durability	Grade 8: 500.000 test cycles	
5.2.17.1 Corrosion resistance	Grade 4: very high resistance (240h)	
5.2.17.2 Corrosion resistance	The closing moment is >80% of the value measured prior to the salt spray test	
Dangerous Substances	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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