

**CONSTRUCTION PRODUCTS REGULATION (EU) 305/2011
DECLARATION OF PERFORMANCE**

DoP N°: EED0003

1. Unique identification code of the product type:

Emergency exit device operated by a lever handle – Yale series 590

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

5900060 – 5900070 – 5902060 – 5902070

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

For doors on escape routes

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11 (5):

**Assa Abloy Italia S.p.A.
Via Bovaresa, 13
40017 San Giovanni in Persiceto (BO)
Italy**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

Notified product certification body No. 0425 - ICIM , 20099 Sesto San Giovanni (MI)-Italy performed the determination of the product type on the basis of type testing (including sampling), initial inspection of the manufacturing plant and of the factory production control and continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance of the product.

8. European Technical Assessment:

N/A

9. Declared performance

Classification **3 7 7 A 1 4 3 2 A B** (Certificate of conformity N° 0425-CPR-001023;current issue 21/03/2017)

Essential characteristics	Performance	Harmonised technical specification
Ability to release (for doors on escape routes) 4.1.2 Release function 4.1.3 Release operation 4.1.4 Lever handle design 4.1.5 Push pad design 4.1.6 Double doorset 4.1.8 Exposed edges and corners 4.1.11 Push pad installation 4.1.12 Lever handle installation 4.1.13 Operating element projection 4.1.14 Operating element face 4.1.15 Lever handle free end 4.1.16 Lever handle operating gap 4.1.17 Push pad operating gap	< 1 sec The release direction of the device is in the direction of the door opening The device releases the door following a movement of the lever handle in a downward rotational direction N/A N/A > 0,5 mm N/A X > 120 mm ; Z < 150 mm Category 2: projection up to 100 mm (standard projection) V > 18 mm; operating face of the lever handle: thickness > 5 mm and rounded surface radius > 5 mm U > 40 mm; W < 100 mm; α < 30° The test block passes freely between the lever handle and the surface of the door N/A	EN 179:2008

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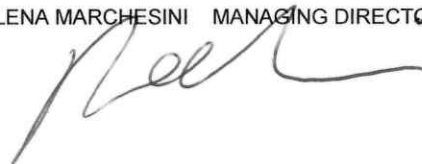
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<p>4.1.18 Test rod</p> <p>4.1.19 Push pad release operation</p> <p>4.1.20 Accessible gap</p> <p>4.1.21 Door free movement</p> <p>4.1.22 Top vertical bolt</p> <p>4.1.24 Keepers</p> <p>4.1.25 Keepers dimensions</p> <p>4.1.27 Door mass and dimensions</p> <p>4.1.28 Outside access device (OAD)</p> <p>4.2.2 Release forces</p> <p>4.2.7 Security requirements</p>	<p>The device does not trap the test rod in any position of the lever handle</p> <p>N/A</p> <p>The test piece placed in any accessible gap cannot prevent the correct operation of the device</p> <p>The device does not include any element impeding the free movement of the door once it is released</p> <p>N/A</p> <p>The keeper protects the door frame from the damage which may be caused by the door closing and opening</p> <p>N/A</p> <p>Mass > 200 Kg, height ≤ 2520 mm, width ≤ 1320 mm</p> <p>The OAD does not render the panic device inoperable from the inside</p> <p>< 70 N</p> <p>Grade 3: the device remains in the locked position when a force of 2000 N is applied to the door</p>	<p>EN 179:2008</p>
<p>Durability of ability to release against aging and degradation (for doors on escape routes)</p> <p>4.1.7; 4.2.9 Corrosion resistance</p> <p>4.1.23; 4.2.6 Covers for vertical rods</p> <p>4.1.26 Lubrication</p> <p>4.2.3 Re-engagement force</p> <p>4.2.4; 4.1.21 4.2.2; 4.2.3 Durability</p> <p>4.2.5 Abuse resistance-Operating element</p> <p>4.2.6 Abuse resistance-Vertical rod</p> <p>4.2.8; 4.2.2; 4.1.21 Final examination</p>	<p>Grade 4: highest resistance (240 hours)</p> <p>N/A</p> <p>Every 20 000 test cycles without dismantling the device</p> <p>< 50 N</p> <p>Grade 7: 200 000 test cycles</p> <p>Perpendicular pull force 1000 N, parallel force 500 N</p> <p>N/A</p> <p>The device is released with a force < 70 N and the door moves freely once the device is released</p>	
<p>Self closing ability C (for fire/smoke doors on escape routes)</p> <p>4.2.3 Re-engagement force</p>	<p>< 50 N</p>	
<p>Durability of Self closing ability C against aging and degradation (for fire/smoke doors on escape routes)</p> <p>4.2.4 Durability</p> <p>4.2.3 Re-engagement force</p>	<p>Grade 7: 200 000 test cycles</p> <p>< 50 N</p>	
<p>Resistance to fire E (Integrity) and I (Insulation) (for fire doors on escape routes)</p> <p>4.1.10; Suitability of emergency exit devices for smoke/fire resisting doorsets- Annex B: Additional requirements</p>	<p>Grade A: suitable for use on fire and smoke door assemblies</p>	
<p>Control of Dangerous substances</p> <p>4.1.29 Dangerous substances</p> <p>Note 2 of ZA.1</p>	<p>The materials 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 regulations</p>	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. The declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:

MADDALENA MARCHESINI MANAGING DIRECTOR



SAN GIOVANNI IN PERSICETO-BOLOGNA (ITALY), 21/03/2017

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