

# Declaration of Performance

ASSA ABLOY

No.: DoP-EX118R.01

## 1. Unique identification code of the product-type:

Electromechanical striking plate (Electric strike) according to EN 14846:2008  
Model EX118R in all variants

## 2. Intended use/s:

Electric strike for use on fire and smoke protection doors according to EN 14846:2008

## 3. Manufacturer:

ASSA ABLOY  
Sicherheitstechnik GmbH  
Bildstockstraße 20  
72458 Albstadt  
GERMANY

## 4. Authorised representative:

N/A

## 5. System/s of AVCP:

System 1 according to EN 14846:2008

## 6.a Harmonised standard:

| Notified body   | Harmonized standard | Certificate of Constancy of performance |
|---|---------------------|---|
| MPA NRW, Marsbruchstraße 186; D-44287 Dortmund, identifier:0432 | EN 14846:2008       | 0432-CPR-00007-04                       |

The product is covered by other EU directives:

| Document  | Kennzeichnung | Datum      |
|---|---------------|------------|
| EU-Declaration of Conformity<br>(ASSA ABLOY Sicherheitstechnik GmbH, Bildstockstr. 20, D72458 Albstadt) | DoC-EX118R.01 | 21.04.2021 |

## 6.b European Assessment Document:

N/A

## 7. Declared performance/s:

Declared performance according to EN 14846:2008

| Essential characteristics   | Requirement clauses<br>EN 14846:2008  | Product performance   |
|---|---|---|
| Self-closing ability  | 5.4. Door mass and closing force, Annex A<br>Door mass<br><br>Closing force | passed, (see classification key (3*))<br><br>passed, (see classification key (3)) |
| Durability of self-closing action   | 5.3. Durability of latch action   | passed, (see classification key (2*))   |
| Ability to maintain door in closed position, and not contribute to the spread of fire | 5.5 Fire test according to EN 1634-1  | passed, (see classification key (4*))   |

Classification key according to EN 14846:2008

| Position | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8    | 9    |
|----------|-----|-----|-----|-----|-----|-----|-----|------|------|
| Section  | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 4.10 | 4.11 |
| Grade    | 3   | C   | 5   | C   | 0   | 0   | 0   | 1    | 0    |

| Pos. | Characteristics   | Grade – Performance |  |                |                   |                              |                         |                              |  |
|------|---|---------------------|--|----------------|-------------------|------------------------------|-------------------------|------------------------------|--|
| 1    | Category of use   | 3                   | For use by the public where there is little incentive to exercise for care an where there is a high chance of misuse |                |                   |                              |                         |                              |  |
| 2    | Durability and load on latch bolt   |                     | test cycles  |                |                   | load on latch bolt [N]       |                         |                              |  |
|      |   | C                   | 200.000  |                |                   | 0                            |                         |                              |  |
| 3    | Door mass and closing force   |                     | door mass [kg]   |                |                   | closing force [N]            |                         |                              |  |
|      |   | 5                   | ≤ 200  |                |                   | 25                           |                         |                              |  |
| 4    | Suitability for use on fire and smoke doors   |                     | use  |                |                   |                              |                         |                              |  |
|      |   | C                   | with a classification time of 30 min   |                |                   |                              |                         |                              |  |
| 5    | Safety  | 0                   | No safety requirement  |                |                   |                              |                         |                              |  |
| 6    | Environmental conditions  |                     | corrosion resistance [h]   |                | temperature [°C]  |                              | humidity                |                              |  |
|      | Corrosion resistance in accordance with EN 1670:2007<br><br>Resistance to a range of temperatures in accordance with EN 60068-2-1:2007 and EN 60068-2-2:2007<br><br>Resistance to cyclic humidity in accordance with EN 60068-2-30:2005 | 0                   | NPD  |                | -                 |                              | -                       |                              |  |
| 7    | Security (burglary resistance)  | 0                   | no security effect   |                |                   |                              |                         |                              |  |
| 8    | Security- electrical function   | 1                   | Status indicator according to 5.9 EN 14846:2008  |                |                   |                              |                         |                              |  |
| 9    | Security- electrical manipulation   | 0                   | Protection against effect of   |                |                   | Resistance to                |                         | Resistance to (EN 61000-4-2) |  |
|      |   |                     | Voltage drop   | Cutting cables | Wire manipulation | Electromagnetic manipulation | Electrostatic discharge | Electrostatic manipulation   |  |
|      |   |                     | —  | —              | —                 | —                            | —                       | —                            |  |

## 8. Appropriate Technical Documentation and/or Specific Technical Documentation:

N/A

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:

Stefan Fischbach, Market Region Manager DACH

At Albstadt on 21.04.2021



ASSA ABLOY  
Sicherheitstechnik GmbH  
Bildstockstraße 20  
72458 Albstadt  
GERMANY  
Tel. +497431 123-0  
Fax +497431 123-240  
[www.assaabloyopeningsolutions.de](http://www.assaabloyopeningsolutions.de)

ASSA ABLOY is the  
global leader in  
access solutions.  
Every day we help  
people feel safe,  
secure and  
experience a more  
open world.  
[www.assaabloy.com](http://www.assaabloy.com)