Declaration of Performance
Nr.: DoP-190225-002

ASSA ABLOY

1. Unique identification code of the product-type:

Brand	Lockwood	Trimec
Model(s)	ES100 / ES110	ES100 / ES110
Part number(s)	ES110-1M, ES110-2M	100111-060M, 110111-060M, 110111-150M, 110111-160M, 110111-190M, 110112-060M, 110112-140M
Description/Type	Electromechanical Strike (Electric Strike)	

2. Intended use/es:

Electromechanical Strike (Electric Strike) for smoke and fire doors according to EN 14846:2008

3. Manufacturer:

ASSA ABLOY Australia Pty Ltd.
235 Huntingdale Road, Oakleigh, Victoria, 3166, Australia
https://www.assaabloy.com.au/

4. Regional representative(s):

Region	Contact details
United Kingdom	ASSA ABLOY Opening Solutions School Street, Willenhall, West Midlands, WV13 3PW, United Kingdom www.assaabloyopeningsolutions.co.uk

5. System/s of attestation of Conformity:

System 1 according to DIN EN 14846:2008

6. Harmonised standard(s):

Region	Notified body & Notified body No.	Harmonised standard	Certificate of Constancy of performance
Europe	Element Materials Technology Rotterdam B.V. NB# 2812	EN 14846:2008	2812-CPR-NA7802
United Kingdom	Warrington Certification AB# 1121	EN 14846:2008	1121-CPR-UK-NA7803

The product is covered by other EC directives and UKCA legislations.

Region	Document	Document ID	Date
Europe	EC Declaration of Conformity	ES110-ES100-2023-CE	15/11/2023
United Kingdom	UKCA Declaration of Conformity	ES110-ES100-2023-UKCA	15/11/2023

Note: The above Declarations of Conformity may be updated periodically, for the latest documentation visit: https://www.assaabloy.com/au/en/solutions/products/product-certification

7. Assessment Document:

Not required / Not applicable

8. Appropriate Technical Documentation and/or Specific Technical Documentation:
Not required / Not applicable

9. Declared performance/s:

Requirement / Characteristic	Section(s)	Performance	Harmonised standard(s)
Self-closing ability	5.4 and Annex A	Closing force from a standing start passed. Return force of latch bolt passed	EN 14846:2008
Durability of self-closing action	5.3.2	Durability passed. Number of test cycles passed.	EN 14846:2008
Resistance to fire E (integrity) I (insulation) (for fire doors)	5.5	Fire test passed	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
Configuraiton: Power to Open (PT0)	3	C	9	C / D / F	-	H	0	0	0
Configuraiton: Power to Lock (PTL)*	3	C	9	0	-	H	0	0	0

**Does not fulfil the Construction Product Regulation (CPR) requirements as per the fire rating minimum requirement.*

Refer to Appendix A, for a full summary of the above declared performance rating(s), which is a summary of the rating scheme as per EN 14846: 2008.

10. Manufacturer's Responsible person(s)

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, Construction Products Directive and the (UK) Construction Product Regulations, under the sole responsibility of the manufacturer identified above.

Signed by: ....
Name: Prashanth Lingarajappa
Position: Intellectual Property Manager – Pacific Region
Date signed: 19/02/2025

Appendix A – EN 14846 essential characteristics

Pos.	Essential characteristics	Class Performance
1	Category of use	1 – For use by persons with large incentive for care 2 – For use by persons with some incentive for care 3 – For use by persons with less incentive for care
2	Durability	A – 50.000 testing cycles, no load of the keeper B – 100.000 testing cycles, no load of the keeper C – 200.000 testing cycles, no load of the keeper F – 50.000 testing cycles, load of the keeper 10 N G – 100.000 testing cycles, load of the keeper 10 N H – 200.000 testing cycles, load of the keeper 10 N L – 100.000 testing cycles, load of the keeper 25 N M – 200.000 testing cycles, load of the keeper 25 N R – 100.000 testing cycles, load of the keeper 50 N S – 200.000 testing cycles, load of the keeper 50 N W – 100.000 testing cycles, load of the keeper 120 N X – 200.000 testing cycles, load of the keeper 120 N Y – 200.000 testing cycles, load of the keeper 250 N
3	Door weight and closing force	1 – ≤ 100 kg door weight, max 50 N closing force 2 – ≤ 200 kg door weight, max 50 N closing force 3 – > 200 kg defined by the manufacturer, max 50 N closing force 4 – ≤ 100 kg door weight, max 25 N closing force 5 – ≤ 200 kg door weight, max 25 N closing force 6 – > 200 kg defined by the manufacturer, max 50 N closing force 7 – ≤ 100 kg door weight, max 15 N closing force 8 – ≤ 200 kg door weight, max 15 N closing force 9 – > 200 kg defined by the manufacturer, max 50 N closing force
4	Suitability for use in smoke and fire doors	0 – Not intended for use on smoke/fire door assemblies A – Suitable for use on smoke door assemblies B – With a classification time of 15 min C – With a classification time of 30 min D – With a classification time of 60 min E – With a classification time of 90 min F – With a classification time of 120 min or greater
5	Security (personal protection)	0 – No safety requirements
6	Environmental conditions	0 – Corrosion none, Temperature none, Humidity none A – Corrosion none, Temperature none, Humidity Grade 1 B – Corrosion none, Temperature none, Humidity Grade 2 C – Corrosion low resistance, Temperature +5°C to +55°C, Humidity Grade 1 D – Corrosion medium resistance, Temperature +5°C to +55°C, Humidity Grade 1 E – Corrosion high resistance, Temperature +5°C to +55°C, Humidity Grade 1 F – Corrosion very high resistance, Temperature +5°C to +55°C, Humidity Grade 1 G – Corrosion medium resistance, Temperature -10°C to +55°C, Humidity Grade 1 H – Corrosion high resistance, Temperature -10°C to +55°C, Humidity Grade 1 J – Corrosion very high resistance, Temperature -10°C to +55°C, Humidity Grade 1 K – Corrosion medium resistance, Temperature -25°C to +70°C, Humidity Grade 2 L – Corrosion high resistance, Temperature -25°C to +70°C, Humidity Grade 2 M – Corrosion very high resistance, Temperature -25°C to +70°C, Humidity Grade 2 N – Corrosion none, Temperature -25°C to +70°C, Humidity Grade 1 G – Corrosion none, Temperature -25°C to +70°C, Humidity Grade 2
7	Security (burglary resistance)	0 – Applies for locks without any protective effect 1 – Minimum protective effect without drilling resistance 2 – Low protective effect without drilling resistance 3 – Medium protective effect without drilling resistance 4 – High protective effect without drilling resistance 5 – High protective effect with drilling resistance 6 – Very high protective effect with drilling resistance 7 – Very high protective effect with drilling resistance
8	Protective effect of the electrical functions	0 – No requirements 1 – Status indicator according to 5.9 EN 14846:2008
9	Protective effect of the electrical manipulation	0 – No requirements 1 – See EN 14846:2008-11 table 7 2 – See EN 14846:2008-11 table 7 3 – See EN 14846:2008-11 table 7