

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction products

Electromechanically operated locks and striking plates

for use on fire and smoke compartmentation doors fitted with door closing devices, to enable such doors to close reliably and thus achieve self-closing in the event of fire. For use on locked fire doors to maintain the fire integrity of the door assembly, with specification and performance as specified on page 2 in this certificate.

Product name: ST550, ST551

placed on the market under the name or trademark of

Stendals EI AB

Signalistgatan 17
SE-721 31 Västerås, Sweden

and produced in the manufacturing plant

Stendals EI AB, Signalistgatan 17, SE-721 31 Västerås, Sweden

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard

EN 14846:2008

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 2021-12-19 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Issued by notified body 0402

The validity of this certificate can be verified on our website.

Martin Tillander
Director Product Certification

Certificate 0402-CPR-500225 | issue 1 | 2021-12-19

RISE Research Institutes of Sweden AB | Certification

Box 857, SE-50115 Borås, Sweden

+46 10 516 50 00 | certifiering@ri.se | www.ri.se

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Specification

Electromechanically operated locks, intended for use in doors, door mass up to and above 200 kg.

Performance

Essential characteristic (EN 14846:2008)	Performance	
	Lock case	
	ST550	ST551
Self-closing ability – 5.4 and Annex A - Closing force from a standing start - Return force of latch bolt	$\leq 15 \text{ N}$ $\geq 2.5 \text{ N}$	Not applicable Not applicable
Durability of self-closing action – 5.3.2 - Durability of latch action	Pass 200 000 test cycles, load 120 N	Not applicable
Resistance to fire E (integrity) I (insulation) (for fire doors) - 5.5	Grade F	Grade F*

*) The fire/smoke door must always be combined with another product, proven by test, to keep the door in closed position in the event of fire.