ES8100

The unique and popular Trimec ES8000 V-Lock has been completely redesigned and engineered to produce the new ASSA ABLOY ES8100 V-Lock.

The Assa Abloy ES8100 V-Lock incorporates many improvements over its predecessor, the ES8000, including a higher preload rating of 100kg, Door Position Monitoring, integrated LED lock status and diagnostics visual indication, increased door misalignment correction from 7mm to 12mm, an IP53 rating for external door applications and simple, one-step, PTO/PTL onsite configuration.

The ES8100, also known as the V-lock, contains a high torque motorised bolt which moves into a V shaped Strike Plate, pulling the door into alignment, when locked. The ES8100 is mounted vertically in the leading edge of a Strongdor leaf. And up to 3 locks can be fitted in a non fire rated leaf and 2 in a fire rated leaf. The ES8100 V-Lock is mortice mounted and concealed from view giving a discreet yet secure option where access control is required in high end residential, public sector and commercial environments A slim design with classic satin stainless steel faceplate, makes the ES8100 a product with great aesthetic appearance and easy installation.

ES8100 V-Lock & Strike Case

HARDWARE OPTIONS

TECHNICAL SPECIFICATIONS

Features

- Unlocks under a Pre-Load of up to 100kg in 3-wire mode, 15kg in 2-wire mode
- Fire-rated for use on Strongdor fire rated doors singles and doubles up to E60
- Locks under a Pre-Load of 20kg (12W) and 35kg (24W)
- 1000kg Holding Force
- IP53 rated for external door applications
- Door Position and Lock Status Monitoring
- On-Board visual Lock Status indication and diagnostics LED
- Easy, one-step, Fail Safe (PTL) and Fail Secure (PTO) field selection
- Allows for door misalignment of up to 12mm total (+/-6mm)
- Operating voltage: 11.4 - 26VDC
- Durability tested to 500,000 cycles (120N unlocking, 50N locking

- Suitable for use with access control, intercom keypad and card reader systems and doors requiring door position monitoring.

Applications

- Schools
- Hospitals
- Bin Stores
- Cycle stores
- Commercial office / factory environments
- Public sector