



THE RHINO DOOR

RHINO ALUMINIUM

Always precise **WINK
HAUS**

autoLock AV4 Range

Automatic multi-point locking systems



winkhaus.com



Secure, Convenient, Smart.

Everything you'd expect from a Winkhaus door locking system

Since Winkhaus introduced the first hooked autoLock almost 20 years ago, our AV autoLocking range has delivered an innovation timeline of industry firsts.

The new autoLock AV4 is an automatic multi-point locking system which locks automatically when you pull the door closed, without the need to lift a handle or use a key.

Always compliant and always precise: autoLock AV4 meets the requirements of the PAS24 standard and is approved by the Police 'Secured by Design' security initiative.

The autoLock AV4 range includes:

Mechanical door locking systems:

autoLock AV4 autoLock AV4

Heritage

Motorised door locking systems:

blueMatic EAV4 blueMatic

EAV4+

Suitable for: Composite, Timber, Aluminium and
UPVC doors.



autoLock AV4 benefits

All important aspects at a glance

Widest installation tolerances With an optimised hook design, the autoLock AV4 has the widest installation tolerances, reducing the need to adjust the lock through the life of a door, saving time and money.

Lowest operating forces With 40% lower operating forces than the market leading AV2.

Non-handed Being a non-handed lock, autoLock AV4 simplifies your ordering, manufacturing and inventory process with 50% reduction in parts.

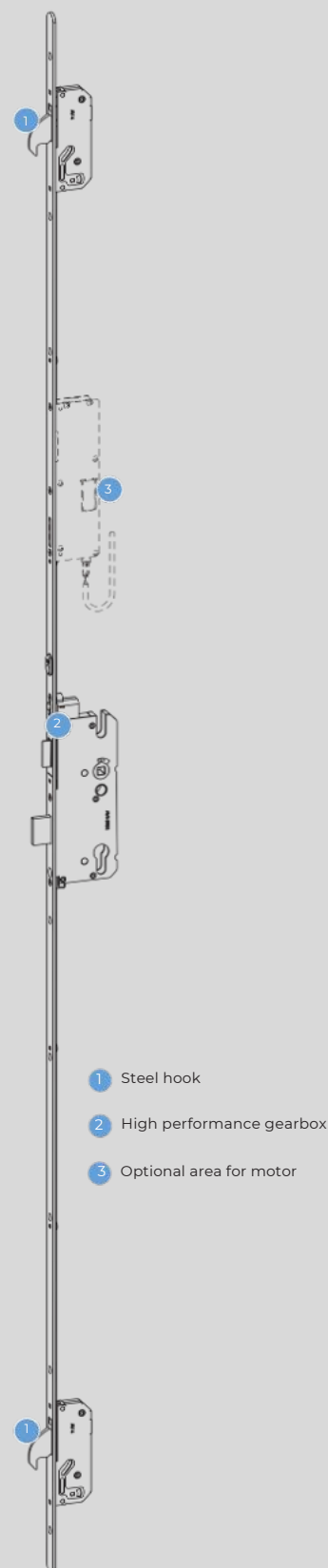
Solid anti-push back hooks The door locking system features two solid hooks which throw automatically when the door is closed, ensuring complete engagement of the hook and security against the lock being pushed back as proven by PAS24.*

TaFa – the innovative daytime latch The innovative daytime latch allows you to open the door from the outside without the use of a key. Single hand actuation for flexible entry is useful when instant access is needed over a short period of time.

Central magnetic trigger Located in the central position, the magnet activates the trigger once the door is fully closed which reduces the risk of damage to the door frame.

Heavy duty steel keeps Heavy duty keeps manufactured using high grade steel, plated to comply with EN1670 Grade 5, very high corrosion resistance.

Faceplate	16mm, 20mm, U-Rail 24mm
Backset	35mm, 45mm, 55mm, 65mm



*Please note: For doors with a lever handle on the outer side, the hooks will engage but the door will not automatically lock. To lock the door, you will need to use the key to manually do this.

blueMatic

EAV4 and EAV4+

Upgrade your automatic locking system

The autoLock AV4 can be upgraded to a motorised door locking system using a blueMatic EAV4 motor or blueMatic EAV4+ motor; perfect for those who want to enjoy more comfort features in addition to the all the benefits the mechanical locking system provides.

When using the motorised door locking system, the locked door can be opened from the inside as usual using the door handle or cylinder and unlocked from the outside using all potential-free access control systems.

blueMatic EAV4

The blueMatic EAV4 is a 24Vdc motor that can upgrade autoLock AV4 to a motorised door locking system.

The locking system using the blueMatic EAV4 motor can be operated using access control systems such as fingerprint, keypad even face recognition and other SMART access solutions.

blueMatic EAV4+ & Winkhaus doorControl application

The blueMatic EAV4+ is a 24Vdc motor with Bluetooth and Wi-Fi (LAN) that is used on the autoLock AV4 to upgrade it to a SMART locking system. The lock is operated using the Winkhaus doorControl smartphone application.

Other access control systems and SMART access control systems are compatible for use with the blueMatic EAV4+ motor.

The Winkhaus doorControl application is a smartphone and tablet application that allows control, notification and privacy options for your autoLock AV4 and EAV4+ motor through Bluetooth or Wi-Fi (LAN) connection.



PAS24 Security Explained

Your Rhino Door has been manufactured to meet **PAS24 enhanced security standards**.

What is PAS24?

PAS24 is a UK security standard that tests doors against methods commonly used by intruders.

Testing includes:

- Forced entry attempts
- Mechanical attack resistance
- Lock manipulation
- Impact testing
- Security glazing performance

Doors meeting PAS24 provide **enhanced protection suitable for new build and replacement dwellings** under UK Building Regulations.

Daily Operation Guidance

Always close the door fully behind you
Lift the handle when leaving the property
Use the key to fully deadlock overnight or when away
Ensure nothing obstructs locking points

Avoid slamming the door excessively.

Maintenance & Care

To keep your locking system operating smoothly:

Every 6 months:

- Lightly lubricate locking points using a non-resin lubricant.
- Clean dirt or debris from keeps and frame.
- Check handle and cylinder fixings remain secure.

Do not use:

- WD40 as a long-term lubricant
- Grease or heavy oils
- Abrasive cleaners



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