



PRESSURE\_LOCK

**WINLOCK**  
FIRE DOORS

# PRESSURE LOCK

## Pressure-resistant



Our industrial sectional shutters are specifically engineered for environments where overpressure or underpressure can occur, such as cleanrooms, airlocks or CO<sub>2</sub> extinguishing systems.

In these situations, it is crucial that the door remains structurally intact while maintaining full fire compartment integrity.

This type of industrial shutter is also designed to withstand blast waves from external explosions (blast resistance) without any structural failure. The construction absorbs both positive and negative pressure loads as well as the dynamic impulse of the explosion, a key requirement in demanding sectors such as petrochemical industries, defence, ATEX environments, and nuclear facilities.

### Designed and tailored to your needs

As with all Winlock applications, custom engineering lies at the heart of our approach. The Pressure Lock application, developed for spaces exposed to pressure and explosion loads, can be combined with additional features such as fire resistance, ATEX, smoke sealing, or a food safe configuration, fully adapted to the specific requirements of your project.



## Technical specifications

Pressure resistance:	10 kPa
Design calculation according to:	EN1990, E1193-1-1 to 8 EN 10088-3, EN 10149-2 EN 1090-2 & EN 338
Maximum width:	7,440 mm
Maximum height:	7,227 mm
Maximum surface area:	35.85 m <sup>2</sup>

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Multiple add-ons  
Endless possibilities



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