



IRSP

PRODUCT TESTING

WIND
WATER
AIR
DURABILITY
THERMAL



THE
'SAFE'
SOLUTION

IRSP

INSULATED
ROLLER SHUTTER
PRODUCTS



PRODUCT TESTING

IRSP have a reputation for quality, unrivalled design capability and the most extensive range of roller shutter products in the UK.

Utilising the most up-to-date computer aided design software, superior craftsmanship, innovation and engineering excellence we continuously provide exceptional products and the best service in the industry.

Combined with these high standards of design and manufacture, the main focus of IRSP was to ensure that all of its doors and components either met or exceeded the product compliance of all the relevant CE marking criteria.

All manufacturers are responsible for ensuring that the goods they produce meet all the relevant regulations. For over 30 years we have been manufacturing roller shutter doors designed to comply with construction industry standards.

Now, through extensive laboratory and workshop testing combined with exhaustive safety analysis, we can demonstrate that our products satisfy the legal, safety and performance requirements of the directive, and are therefore approved for use in all European member countries.

With the assistance of an approved test laboratory relevant, performance tests that simulated real life material conditions were carried out on all IRSP products to verify whether the doors met the type of mechanical durability and performance criteria for which they had been designed.

Our policy of on-going research and development for all our products ensure that they remain the most revolutionary and finest engineered products available in the UK and throughout Europe.



Safety should always come first . . .



Safety devices

Safety devices
The Opto-electronic safety edge is a self-monitoring system tested against EN2554-1 for the control and EN 1799-2 for the sensors.

A constantly switching signal between the transmitter and receiver is monitored to ensure the system is functioning correctly.

The system is designed for stop-and-return operation with isolation of the edge (from the motor 5th limit) before it hits the floor.

Operating safety limits for added safety

dead man
Prevents over run of the door in both open and close direction. All controls feature automatic change over to dead man control should automatic controls malfunction.



Boller Barrel

Welded bearing
Designed for deflection of 1,400
of the span. Welded inner and
outer blocks for accurate shaft
alignment.



Independent Safety Brakes

Independent Safety Brake
Fitted on all IRSPI chain driven doors with the same performance characteristics as the integral safety brake (EN12604-5.3.2).

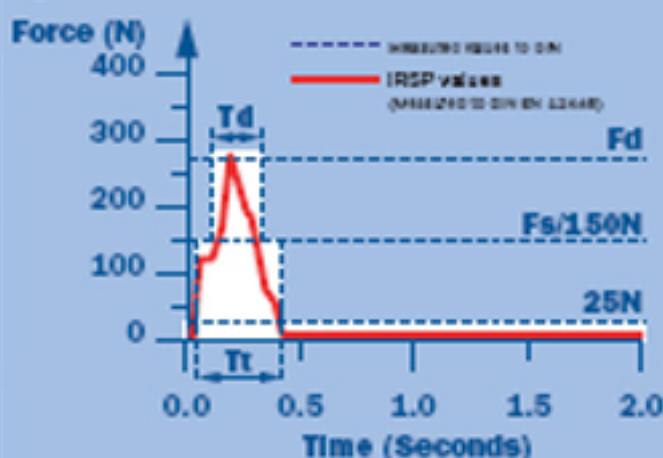


Integral Safety Brake Device

All IRSP direct drive motors feature integrated safety brakes. Designed to safeguard and prevent the door closing in the event of a single point failure (EN 12604-2, 3, 21).

Limitation of forces

Admissible dynamic forces between closing edges and counterclosing edges can be measured in accordance with EN13240.



- PB** Maximum rate measured, during one quantum period 70
PU Maximum rate measured, during the quantum period 70
TT Rates frame during which the measured noise is measured 33.333
TR Rates frame during which the measured noise is measured 33.333



Activar
Gato S

Technical information

For IRSP products complying with EN standards.



Certification

CE Mark (Declaration of conformity)	✓	✓	✓	✓	✓
Type Approval (Dihlum Dynamics - UKAS approved test laboratory)	✓	✓	✓	✓	✓
Mechanical Aspects EN12604, Safety in use of power operated doors	✓	✓	✓	✓	✓
Side guide protection EN 12604: 2000 4.5.3 and EN 12453: 2000 5.1.3.3	✓	✓	✓	✓	✓
Protection Against crushing, shearing or drawing in	✓	✓	✓	✓	✓
Electrical Safety Depending on the use	✓	✓	✓	✓	✓
Water Tightness EN 12480	✓	✓	✓	✓	✓
Resistance to Wind Load EN 12444	✓	✓	✓	✓	✓
Thermal resistance EN 12428	✓	✓	✓	✓	✓
Air permeability EN 12427	✓	✓	✓	✓	✓
Opto Safety Edge Self Monitoring EN 12453 - 5.1.3.5	✓	✓	✓	✓	✓
Closing Forces (Auto close only) EN 12453 - 5.1.3.5	✓	✓	✓	✓	✓
Anti fall back device EN 12453 - 5.1.3.5	✓	✓	✓	✓	✓
Installation Instructions EN 12635: 2000 4.1.3.1	✓	✓	✓	✓	✓
Durability of Mechanical Performance EN 12635: 2000 4.1.3.1	✓	✓	✓	✓	✓

Authorised Dealer:

Manufactured by

IRSP

A DIVISION OF FALCON SECURITY LTD

IRSP

PRODUCT RANGE

Why not choose one of the high quality products in the IRSP range



SECUREFLEX

IRSP Secureflex dramatically increases the amount of time a burglar, using high speed cutting equipment, has to spend entering the building. Secureflex offers complete protection for your stock, increase your security and could lower your insurance premiums.



INSUFLEX

Insulated shutters suit a wide variety of applications, from small security shutters to large greenhouse openings, where energy efficiency and a high level of security is required.



SPEEDFLEX

The high speed, speedflex 550 is the most economic solution for frequently used building access, combining security with speed, in just one construction.



FIREFLEX

Designed for openings where fire protection, as well as a temperature rise is required, with the necessity to protect either side of the opening from flammable and combustible material.



STEELFLEX

A simple design, and minimum number of components, offering an efficient, easy to install solution for your door requirements.



COMPONENTS

All IRSP doors and components are manufactured under a strict in-house quality programme to provide customer satisfaction. All equipment carries a warranty against defects in material and workmanship.

Our policy of continuous research and development allows IRSP to offer unlimited design options and unequalled product performance, all IRSP products have undergone rigorous testing to make sure that they not only pass, but exceed current industrial standards.