



F100 Fire Rated Shutter



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Certified Fire Protection for Commercial & Industrial Facilities

The F100 Fire Rated Shutter provides a robust fire separation solution for commercial and industrial environments where protecting people, assets and building infrastructure is critical. Engineered to contain and slow the spread of fire and smoke, the F100 provides certified fire protection for up to 120 minutes while supporting relevant Australian standards and building requirements.

Designed for high traffic environments, the F100 combines a durable steel curtain, reliable motorised operation and automatic fire activation to support rapid compartmentalisation in the event of a fire.

Features

- Fire rated steel curtain
- Certified fire protection up to 120 minutes
- Galvanised steel construction
- Optional powder coated finish
- Integrated guide tracks
- Electric motor operation
- Manual emergency override
- Fail safe automatic closing on fire signal
- Standard canopy to help reduce smoke infiltration
- Custom sizes to suit industrial openings
- Fire detection system integration



Engineered for Fire Protection

The F100 is designed to provide effective fire separation across commercial and industrial openings.

Its interlocking steel curtain is designed for high temperature performance, helping maintain the integrity of the shutter when exposed to fire. Automatic closure following a fire signal supports rapid compartmentalisation to help reduce the spread of flame and smoke.

Automatic Fire Activation

The F100 can integrate with building fire detection systems to provide automatic activation.

Following a fire signal, the fail safe closing system automatically closes the shutter to support rapid fire compartmentalisation.

During normal operation, electric motorisation provides controlled opening and closing, with a manual emergency override available.

Durable Steel Construction

The F100 features an interlocking steel curtain designed for high temperature performance.

Galvanised steel construction provides durability, while an optional powder coated finish is available for additional corrosion protection.

Integrated guide tracks provide smooth, reliable curtain travel, while the standard canopy helps reduce smoke infiltration around the shutter drum.

Safety & Compliance

The F100 is designed for applications where certified fire protection and regulatory compliance are essential.

The supplied product information identifies the F100 as providing 120 minutes fire resistance and meeting relevant requirements including AS 1530.4 and AS 1905.2, along with applicable local building code requirements.

Operation

Electric Motor Operation

Provides controlled opening and closing during normal operation.

Manual Emergency Override

Provides an alternative method of operation when required.

Automatic Fire Activation

Integrates with fire detection systems to automatically close the shutter following a fire signal.

The F100 motorisation can incorporate chain or direct drive options with single or three phase power, subject to project requirements.

Performance Protection

The F100 provides:

- Up to 120 minutes fire resistance
- High temperature performance
- Automatic closure following a fire signal
- Reduced flame and smoke spread
- Durable steel construction
- Reliable operation in high traffic environments
- Fire detection system integration
- Compliance with relevant Australian standards



Steel-Line reserves the right to change specifications at any time without notice.