

FIRE SHUTTERS

(FOR FIRE COMPARTMENTATION AND SECURITY)



Installation showing a 17m wide x 6m drop Metashield fire shutter

GENERAL

Metashield fire shutters are an ideal solution for providing fire compartmentation and security.

This system is the largest metal fire shutter system approved to protect openings up to 18m wide x 7m high. For larger openings please refer to our Fibershield V fire curtain system.

Metashield fire shutters are available in various finishes including; paint, hot dip galvanised mild steel, 316 or 304 stainless steel and a combination of hot dipped galvanised mild steel and stainless steel.

This system has two operation options of either gravity fail safe closure or motor driven closure.

The motor driven closure option does NOT strictly comply with the Building Code of Australia (BCA), however, in an environment where easy and regular closure is required, the motorised system may be suitable as an Alternative Solution in the right configuration (which includes fire resistant cabling etc).

When BCA compliant systems are required the gravity fail safe system should be clearly specified.

Metashield fire shutters have been fire tested for up to 4 hours in accordance with AS1530.4. Please contact us for more information.

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KEY FEATURES

- Largest approved metal fire shutter in the world
- Approved for use up to 18m wide x 7m drop
- Fire tested for up to 4 hours (-/240/-)
- Provides fire compartmentation and security
- Two different operation options
- Economical system
- Available in a range of finishes
- Available with a fire rated air louvre
- Horizontal and laterally operating systems also available
- Specialty systems for escalators also available

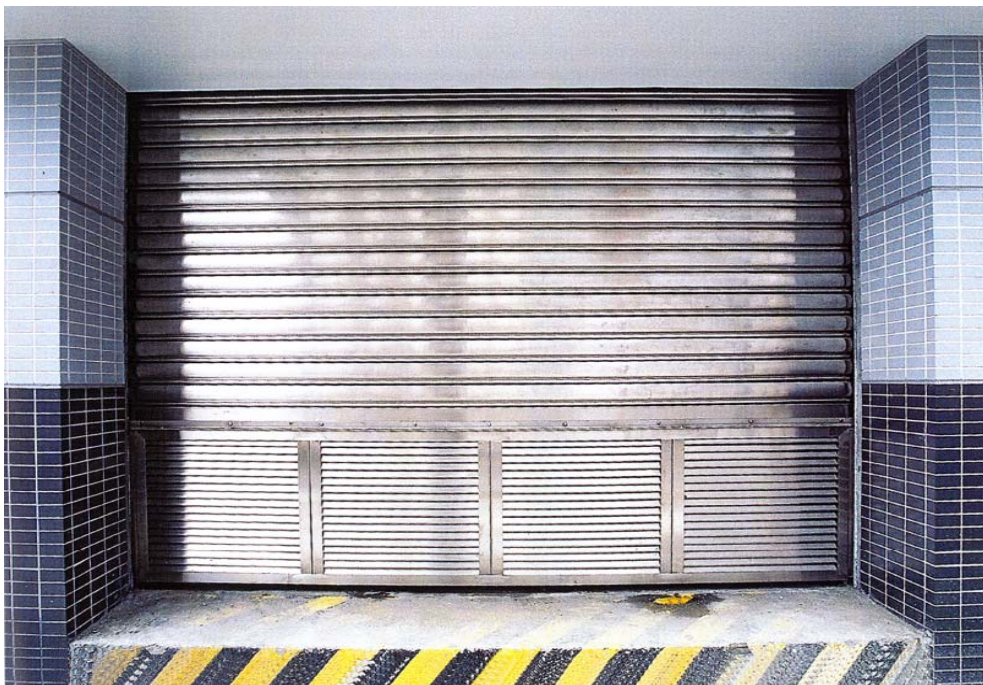
Metashield

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Metashield fire shutter installed in a car park 7m wide x 4.5m drop

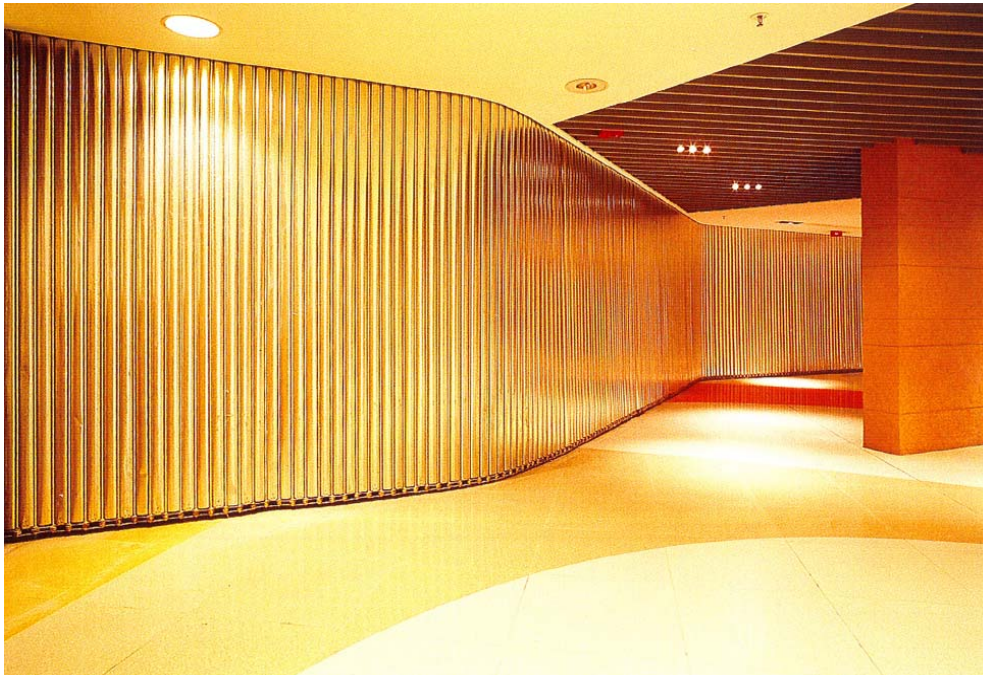


Metalshield fire shutter incorporating fire rated air louver system

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Laterally operating Metashield fire shutter installation 17.5m wide x 2.4m high
Ideal for limited head room and non-linear applications



Laterally operating Metashield fire shutter installed in Singapore Airport 15m wide x 8m high

Metashield

FIRE SHUTTERS

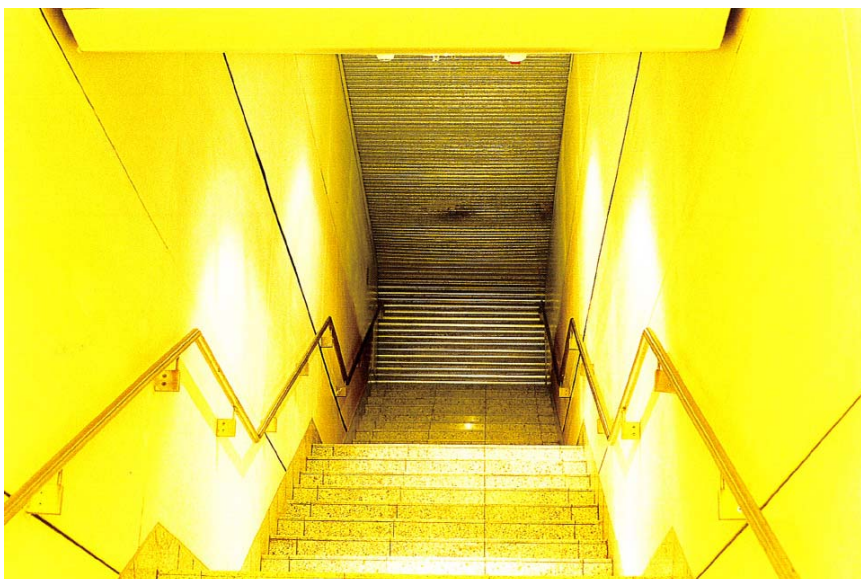
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34x horizontally operating Metashield fire shutters installed in Skyplaza HK

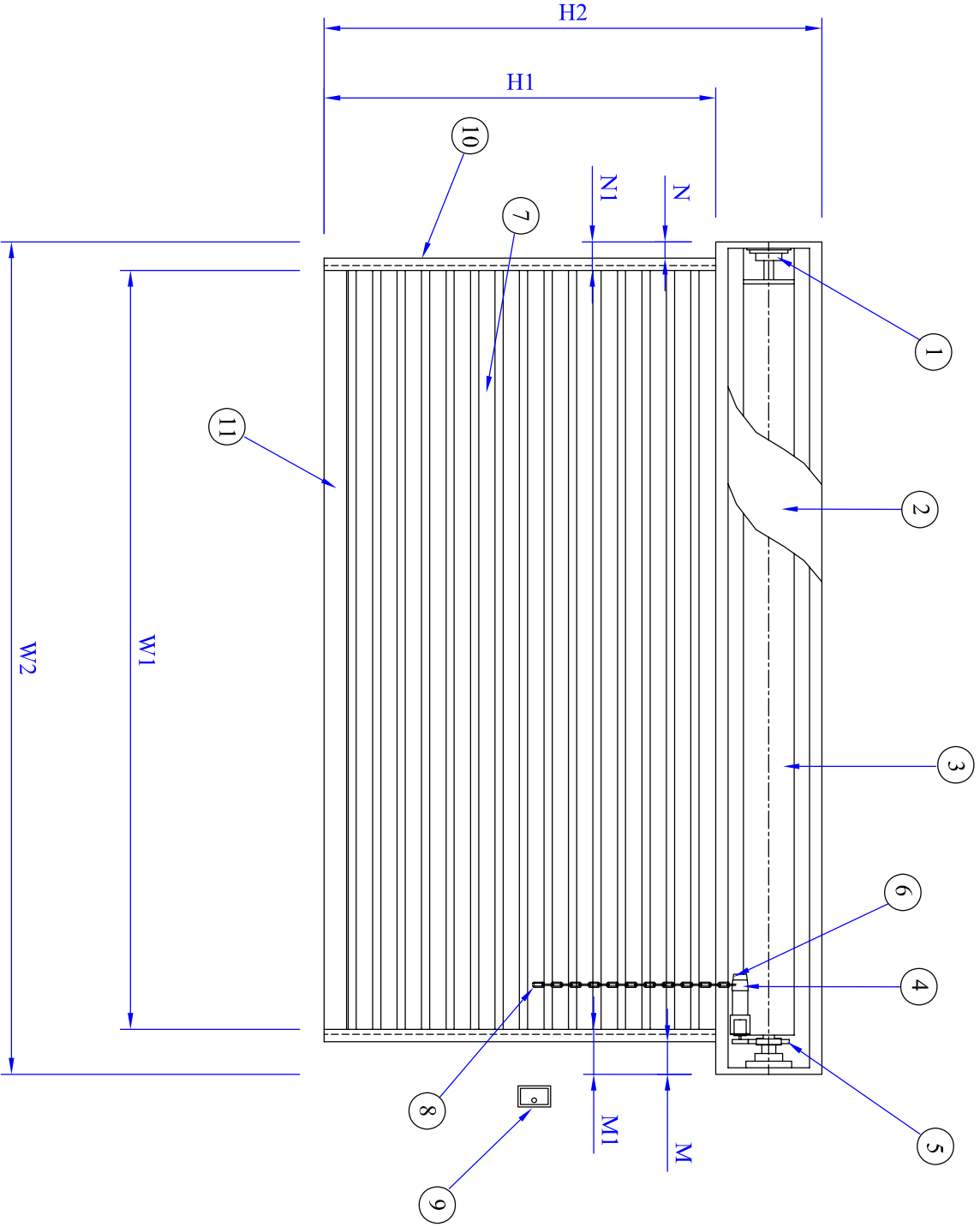


Horizontally sliding Metashield fire shutter protecting escalators



Horizontally operating Metashield fire shutter protecting a staircase


Metashield



- 1. Bearing
- 2. Shutter Hood
- 3. Barrel
- 4. Motor
- 5. Sprocket
- 6. Self-weight Sliding Down Device
- 7. Shutter Curtain
- 8. Manual Chain
- 9. Push Button with Locking Device
- 10. Guide Rail
- 11. Bottom Bar

N = 0 (min.)
N1 = 250 (min.)(For fire rated shutter only)
M = 50 (min.)
M1 = 250 (min.)(For fire reted shutter only)
W1 = Clear opening (width)
W2 = Structural opening (width)
H1 = Clear opening (height)
H2 = Structural opening (height)

Drawn / Modified by:		Checked by		Approved by / Date		Amended Date		Scale	
Wes Doak		B K		07/01/09				NTS	



Unit 5, 52 Hoker St,
Silverwater NSW 2128
T: 1300 665 471
F: 02 9648 1791
www.smokecontrol.com.au
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Dwg No.: Metal Fire Shutter.dwg		Page: 1 of 1	

Note: All dimensions are in millimetres (mm), unless stated otherwise.