



Barrier Door

Powder Coating for Platinum Security

Powder coating is one of the most durable colour-coatings available. FMI's advanced powder coating facilities are accredited to WENZ Enduro Colour Powder Coating Quality Standards. AEONOX is FMI's standard range of colours and uses breakthrough, tough, scratch-resistant powder coat technology that carries added protection for aluminium surfaces. The super-fine texture finish and advanced formulation technology combine to protect the surface. This Protection from nature's elements, the wear of everyday living and protection during installation are key factors in the formulation of AEONOX.

Additional powdercoat colours are available including a range of Anodised finishes.



NB: Always check colour with a physical colour swatch when selecting finishes.

TALK TO YOUR SUPPLIER FOR ADVICE

CONTACT US

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fmi Building innovation.

PLATINUM SECURITY

Peace of mind



PLATINUM SECURITY

Why Platinum Security?



Our security and barrier doors not only provide peace of mind but also excellent ventilation allowing for a flow of fresh air, while keeping out annoying insects.

Platinum Security Doors

Designed and made in New Zealand to the highest safety testing to add an extra layer of security to your home.



SECURITY DOOR CONFIGURATION

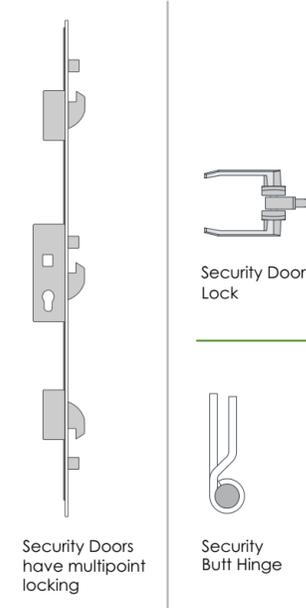
Security Doors come standard with black stainless steel mesh, multipoint locking and patented mesh retention mechanism. They are an excellent barrier against even determined burglars.

The Security Door also allows natural light and free airflow.

Why our Platinum Security Doors are Exceptionally Strong, Ridged and Secure:

- The patented mesh retention system on our Security Doors significantly adds to the overall strength.
- The 1.35mm security black mesh is high tensile strength stainless steel.
- Corner jointers are integrated into the sub frame assembly as opposed to a simple screw construction. This provides exceptional strength and rigidity.
- Corner stake's are integrated into the security panel's to ensure maximum strength and resistance to force.
- Our Security Doors all have Multipoint locking that creates an added layer of protection against forced entry.

Security Doors can come with a sub-frame which means they can be fitted to old or new aluminium joinery or even timber frames.

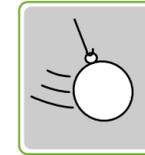


Our Platinum Security Doors have been tested above and beyond industry standards.

All doors tested to AS5039, AS5040, AS5041 to ensure compliance and performance.

The standard industry requirement is 100j - we achieved 300j!

OUR TESTING FAR EXCEEDS ANYTHING ELSE IN THE MARKET



Dynamic Impact Test

The dynamic impact test is designed to simulate an intruder trying to kick his way through a security door. The test is performed with a bag full of lead shot and sand weighing more than 40 kg. The bag is smashed into the security screen with an impact energy of 100 joules. The test is repeated 5 times.



Jemmy Test

The Jemmy test simulates an intruder using a lever to get past the security door. The test is performed with a large screwdriver at all locking, hinging and fastening points. The force applied is up to 45 kg for 20 seconds – way beyond the capability of most potential intruders.



Pull Test

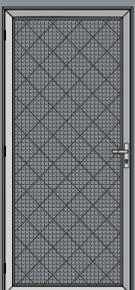
The pull test simulates a forceful entry by a strong intruder trying to pull at the top, side and bottom of the screen.



Knife Test

The knife shear test simulates a knife attack on your security screen. A heavy duty trimming knife is dragged along a 250 mm line with a force of 15 kg vertically and up to 35 kg horizontally. The test is repeated 3 times.

Platinum Barrier Doors



BARRIER DOOR CONFIGURATION

Barrier Doors come standard with diamond grille, black aluminium mesh screen and single point locking. They deter unwelcome visitors, keep out insects and control pets moving in our out. The barrier doors also allow natural light and free airflow.



Why our Platinum Barrier Doors are Strong, Ridged and Secure:

- Corner jointers are integrated into the sub frame assembly as opposed to a simple screw construction. This provides exceptional strength and rigidity.
- Corner stake's are integrated into the security panel's to ensure maximum strength and resistance to force.
- Barrier doors come standard with a single point lock.
- Our Barrier Doors come standard with a diamond aluminium security grill and fibre glass mesh making them a cost effective option where the additional strength of our security door is not required.

Barrier doors can come with a sub-frame which means they can be fitted to old or new aluminium joinery or even timber frames.

