

# **Residential Brochure**

## Security with Views



# Home Security Screens

Being the global leader in the provision of high tensile stainless - steel and perforated aluminium security screen, Meshtec offers you world class design of a full range of home security screen solutions and innovation. The options range from stainless -steel woven mesh to aluminium perforated sheets, at the heart of Meshtec security screens, our Genuine Meshtec high tensile stainless -steel woven mesh provides you with superior strength, as each strand of wire individually tested to stringent international standards. Aluminium perforated sheets also exceed international security standards and high corrosion resistance with ventilation and unobstructed views.



# Home Security Product Range

The 3 Level of Security



## Perf Series

**Perforated Aluminium 5005 Grade**

Thickness: 1.6 mm. Hole Diameter: 2.0 mm.

**Perforated Aluminium 5052 Marine Grade**

Thickness: 1.2 mm. Hole Diameter: 2.0 mm.



## Premium Series

**High Tensile Stainless Steel 304 Grade**

Diameter: 0.8 mm and 0.9 mm.

**High Tensile Stainless Steel 316 Marine Grade**

Diameter: 0.8 mm.



## X-treme Series

**304 Grade**

Diameter: 1.0 mm and 1.2 mm.

**316 Marine Grade**

Diameter: 1.2 mm.

# Perf Series

## Perf Series

**Perf Series** is the strong and affordable security screen with a perforated aluminium infill and wedge fixing system.

It offers you Meshtec's renowned high quality and surpasses Australian and International Standards.

Perf Series not only provides security, air flow and clear vision, it is also high corrosion resistant that comes with a wide range of frame and perforated aluminium infill colours.



Clear vision



Air flows and circulation



Energy saving



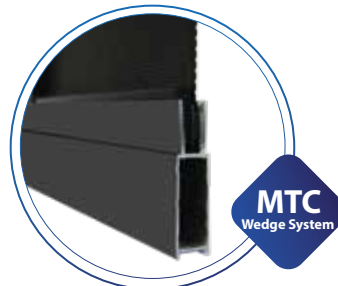
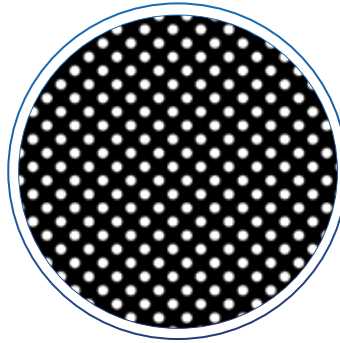
60% UV blockage



Protection from flies and mosquitoes



Impact Resistance



### Infill options

#### Perforated Aluminium 5005 Grade

Thickness: 1.6 mm. Hole Diameter: 2.0 mm.

#### Perforated Aluminium 5052 Marine Grade

Thickness: 1.2 mm. Hole Diameter: 2.0 mm.

Being high corrosion resistance, which is suitable for coastal area, beach front or subject to alt deposition, of heavy industrial areas.

**Infill Colours:** Black&Custom powder coating as frame colours

### Fixing System

MTC Wedge System  
Surpass Australian Standard  
No screws  
No rivets

### Locking System

3-Point locking system  
MTC design  
Anti-Jemmy

# Premium Series

## Premium Series

Premium Series is a superior strength, world class design security screen with the high tensile stainless steel woven mesh and the patented Meshtec fixing system. It offers five times stronger of impact resistance than Australian Standard, providing the superior security for your family without compromising your views and ventilation.

Premium Series screen comes with the full range of application and wide range of the frame colours.



Clear vision



Air flows and circulation



Energy saving



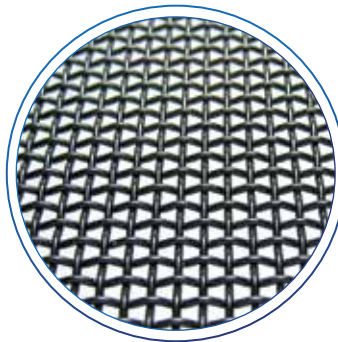
60% UV blockage



Protection from flies and mosquitoes



Impact Resistance



**X5**  
Stronger than  
Australian Standard  
Fixing system

### Infill options

#### High Tensile Stainless Steel 304 Grade

Diameter: 0.8 mm and 0.9 mm.

Genuine Meshtec stainless steel mesh is woven to a high- tensile strength, with each strand of wire individually tested to stringent international standards.

#### High Tensile Stainless Steel 316 Marine Grade

Diameter: 0.8 mm.

The ultimate product with superior qualities and corrosion resistance and therefore ideally suited for use within 5km of highly corrosive areas such as beach-front properties or industrial zones.

**Infill Colours:** Black and Clear Coated

### Fixing System

Patented MTC Rivet and Clinching System

### Locking System

3-Point locking system  
European Lockset  
Anti-Jemmy

Max 5 Point locking is available in windows profile





# X-Treme Series

## X-Treme Series

X-Treme Series is the ultimate security products specially design for protecting your home from extreme weather conditions or the force of windborne debris and pressure under hurricane or cyclone conditions.

The patented fixing system using in X-Treme Series screens has been tested and developed to exceed 7 times stronger than Australian Standard. It provides the toughest and highest security protection for your home.



Clear vision



Air flows and circulation



Energy saving



60% UV blockage



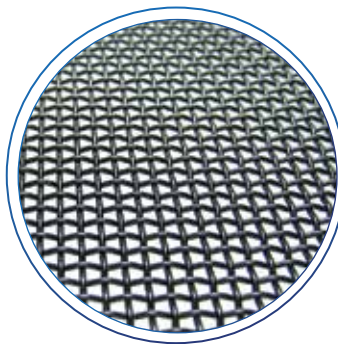
Protection from flies and mosquitoes



Impact Resistance



Cyclone/Hurricane Area Large Missile Test



### Infill options

#### 304 Grade

Diameter: 1.0 mm and 1.2 mm.

Ultimate quality with each strand of wire individually tested to stringent international standards.

#### 316 Marine Grade

Diameter: 1.2 mm.

The ultimate product with superior qualities and corrosion resistance and therefore ideally suited for use within 5 km of highly corrosive areas such as beach-front properties or industrial zones. The ultimate range surpasses all the international standards for security screens while retaining all the aesthetic benefits and appeal of our stainless-steel screens. Providing superior security without compromising your views.

**Infill Colours:** Black and Clear Coated

### Fixing System

Patented MTC Rivet and Clinching System

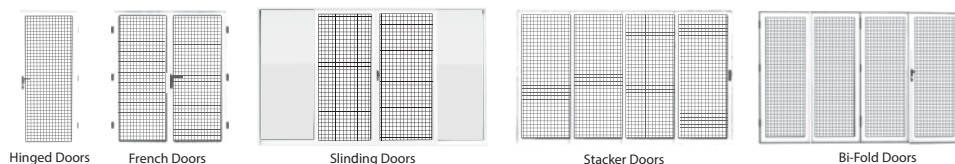
### Locking System

3-Point locking system  
European Lockset  
Anti-Jemmy

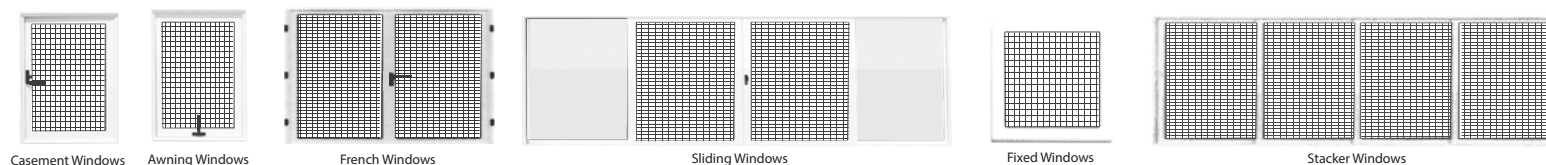
Max 5 Point locking is available in windows profile

# Applications

## Doors



## Windows



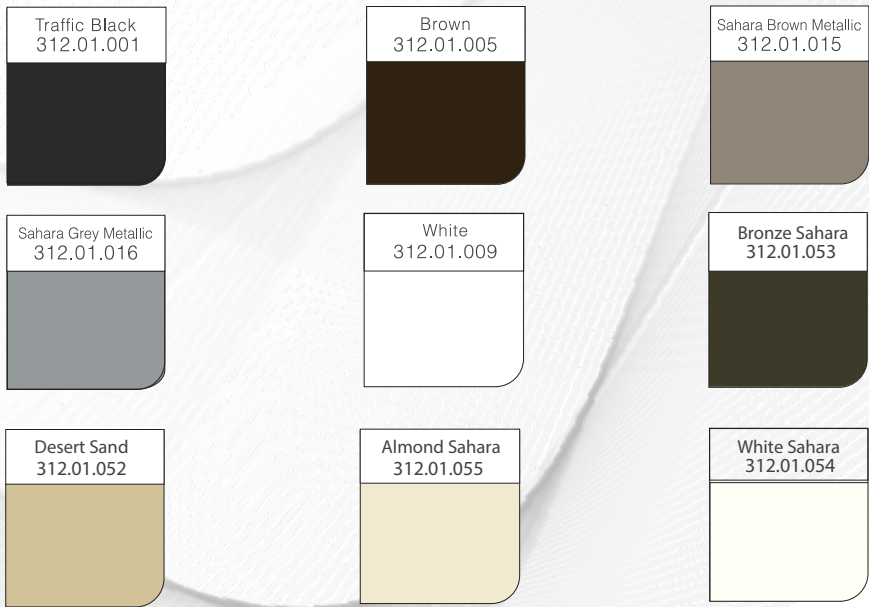
Features		Perf Series	Premium Series	X-Treme Series
Doors	Hinged	●	●	●
	Sliding	●	●	●
	Stacker	●	●	●
	Bi-Fold	●	●	●
	French	●	●	●
Windows	Casement	●	●	●
	Awning	●	●	●
	French	●	●	●
	Sliding	●	●	●
	Stacker	●	●	●
	Fixed	●	●	●
	Fire escape		●	●

# Colours Range

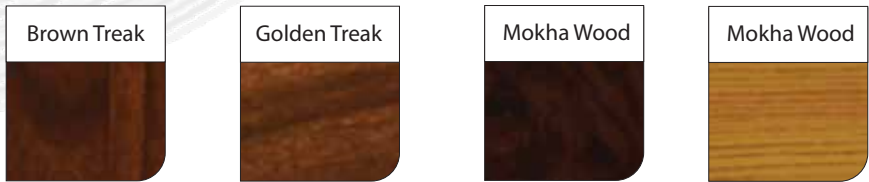
## Superior Surface Finishing

Specially designed and built automated in-line pre-treatment process and powder coating lines. Our mesh and perforated aluminium have been independently tested to withstand 10,000 hours of continuous salt spray—the equivalent of approximately 100 years of external exposure – with no visible signs of corrosion.

### Standard Aluminium Frame Colours



### Available in Custom Powder Coating Colours and Woodgrain Finish





# Warranty

When purchasing Meshtec manufactured products you can be assured of consistent quality, free from any defects and a comprehensive 10-year product warranty for Premium Series and X-Treme Series, and 7-year product warranty for Perf Series. Meshtec manufactured products have a very simple maintenance program that will enable many years of issue free enjoyment. Any goods found to be defective will be replaced without charge under the terms of warranty.



## Perf Series

Powder Coating Warranty for a period of 7 years on Perforated Aluminium and sash panels.



## Premium Series & X-Treme Series










Powder Coating Warranty for a period of 10 years on stainless steel mesh and sash panels














## Hardware

Hardware Warranty for a period of 1 year on hinges, locks and rollers

# Performance and Testing

Testing Standard	Perf Series	Premium Series	X-Treme Series
 Powder Coating Test (Qualicoat Standard)	✓	✓	✓
 QUV Weathering Test (ASTM D 4587, ASTM D 5894)	✓	✓	✓
 High Corrosion Resistance Salt Spray Test (ASTM B117)	10,000 Hours (Up to 100 years)	10,000 Hours (Up to 100 years)	10,000 Hours (Up to 100 years)
 Knife Shear Test Australian Standard (AS 5041)	✓	✓	✓
 Impact Resistance Dynamic Impact Test Australian Standard (AS 5041)	Stronger than the Australian Standard (Up to 100 Joules)	 X5 Stronger than Australian Standard Fixing system	 X7 Stronger than Australian Standard Fixing System
 Anti-Jemmy Jemmy Test Australian Standard (AS 5041)	✓	✓	✓
 Cyclone/Hurricane Area Large Missile Test (ASTM E 1996)	✗	✗	✓ (Up to 28m/sec. or 93ft/sec.)

# Product Comparison

Features	Perf Series	Premium Series	X-Treme Series
 Door Profile Thickness	20 mm.	28 mm.	33 mm.
 Infill Options	Perforated Aluminium 1.2 mm. thickness 5052grade 1.6 mm. thickness 5005grade	High Tensile Stainless Steel Mesh 304Grade diameter 0.8mm,0.9mm. 316Marine grade diameter 0.8mm.	High Tensile Stainless Steel Mesh 304Grade diameter 1.0mm,1.2mm. 316Marine grade diameter 1.2mm.
 Fixing System How the mesh is secured into the screen frame	Wedge System	Rivet and Clinching	Patented MTC x3Rivet and Clinching more tamper resistant screws than Premium
 Impact resistance	Surpass the Australian Standard	X5 Stronger than Australian Standard	X7 Stronger than Australian Standard
 Locking points Number of secure points where the door locks into the frame	3	3 to 5	3 to 5
 Opening Area	40%	41% to 42%	38% to 40%
 Insect Protection	✓	✓	✓
 UV Protection	Up to 60%	Up to 60%	Up to 60%
 Infill Colours	Black & Custom powder coating as frame colours	Black Clear Coated	Black Clear Coated
 Custom Made	✓	✓	✓
 Warranty Years on powder coating	Up to 7 years	Up to 10 years	Up to 10 years
 Price	\$\$	\$\$\$	\$\$\$\$









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