

MF86 RANGE



About Metro Facades

Metro Facades successfully services the building and construction industry with the widest range of the highest quality premium facade solutions and double-glazed windows.

Decades of experience mean this proud South Australian owned and operated organisation deliver best-in-class windows to both residential and commercial developments Australia wide.

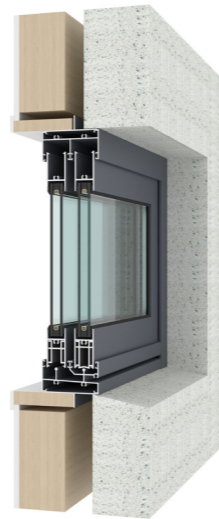
The MF range has a strong focus on architectural trends, thermal performance and elegant finishing, further reinforcing the highest standards of Metro Facades.

All
windows
AS/NZS
certified



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SLIDING WINDOWS MF86

Much like sliding doors, sliding windows open horizontally, by sliding along rails. Sliding windows are easy to use, low maintenance, and economical. Sliding windows also offer the possibility of having very large windows which can be easily opened without significant effort.

Standard: AS2047

- > Design SLS/ULS: 600Pa/2000Pa
- > Design Water Resistance: 200Pa
- > Sound Insulation: <36DB
- > WERS Data: Uw Range: 3.5 - 6.4
- > SHGC Range: 0.33 - 0.60



Technical characteristics

Maximum height	1800mm
Maximum window panel width	1500mm
Maximum adaptive weight	80kg
Available glazing	Double glazed - up to 22mm IGU
Frame depth	85mm
Bottom frame height	45mm
Extrusion profiles	6063-T5 with 1.6mm Thickness
Powder Coating	AKZO-NOBLE Interpon Powder with 10 Years Warranty
Flyscreen	Fiberglass and Stainless Steel Security Mesh Available
Fixing Method	Sub sill/head/Fin fix/face fix/Timber reveal
Hardware	Doric



Hardware selections

- > Brand: Doric
- > Origin Country: Australia
- > Model: DS6005
- > Colour: Black, Silver

The DS6005 Avon Sliding window lock has a sleek contemporary design with a large, easy to grab handle.



Hardware selections

- > Brand: Doric
- > Origin Country: Australia
- > Model: DN560
- > Colour: Black, Silver

The DN560 sliding window lock is the perfect compliment for windows that demand style.





AWNING WINDOWS MF86

As the awning window's chain winder is located on the sill, these windows can be positioned higher up along the wall to limit anyone being able to see in, whilst still allowing in all the fresh air and natural light. Alternatively, if this type of window is used in a bathroom, using obscure glass allows you to use this window for ventilation whilst still getting all the benefits of the privacy glass.

Standard: AS2047

- > Design SLS/ULS: 1200Pa/4000Pa
- > Design Water Resistance: 450Pa
- > Sound Insulation: <38DB
- > WERS Data: Uw Range: 4.6 - 6.9
- > SHGC Range: 0.28 - 0.46

Technical characteristics

Maximum height	2100mm
Maximum window panel width	2100mm
Maximum adaptive weight	80kg
Available glazing	Double glazed - up to 22mm IGU
Frame depth	85mm
Bottom frame height	54mm
Extrusion profiles	6063-T5 with 1.6mm Thickness
Powder Coating	AKZO-NOBLE Interpon Powder with 10 Years Warranty
Flyscreen	Fiberglass and Stainless Steel Security Mesh Available
Fixing Method	Sub sill/head/Fin fix/ Timber reveal
Hardware	Doric



DS1 Chainwinder

- > Brand: Doric
- > Origin Country: Australia
- > Model: DS1
- > Colour: Black, Silver

Being the industry leader, the DS1 Chainwinder allows for easy operation and installation in a secure key lockable configuration.



DN400 Twin Chainwinder

- > Brand: Doric
- > Origin Country: Australia
- > Model: DN400
- > Colour: Black, Silver

The DN400 Twin Chainwinder can be pre-restricted in order to comply with the NCC and to meet the requirements of Kids Don't Fly.

FIXED WINDOW MF86



Fixed windows can help keep your room warm in winter and cool in summer, making for effective energy savings and climate control.

Standard: AS2047

- > Design SLS/ULS: 1200Pa/4000Pa
- > Design Water Resistance: 600Pa
- > Sound Insulation: <38DB
- > WERS Data: Uw Range: 2.9 - 6.3
- > SHGC Range: 0.40 - 0.73

Technical characteristics

Maximum height	2700mm
Maximum window panel width	2400mm
Maximum adaptive weight	200kg
Available glazing	Double glazed - up to 22mm IGU
Frame depth	85mm
Bottom frame height	54mm
Extrusion profiles	6063-T5 with 2.0mm Thickness
Powder Coating	AKZO-NOBLE Interpon Powder with 10 Years Warranty
Flyscreen	Fiberglass and Stainless Steel Security Mesh Available
Fixing Method	Sub sill/head/Fin fix/ Timber reveal
Hardware	Without



DOUBLE HUNG WINDOW MF86



Aluminium double hung windows offer a simple aesthetic that is ideal for a variety of different interior and exterior styles.

Their minimalistic design conceals a spring balanced operating system and internal rivets. The vertical sliding of our aluminium double hung windows allows for effortless ventilation, with the added benefits of easy cleaning and low maintenance.

Standard: AS2047

- > Design SLS/ULS: 1000 - 3000Pa
- > Design Water Resistance: 250Pa
- > Sound Insulation: <38DB
- > WERS Data: Uw Range: 2.6 - 3.6
- > SHGC Range: 0.32 - 0.65

Technical characteristics

Maximum height	1000mm
Maximum window panel width	1200mm
Maximum adaptive weight	25kg
Available glazing	Double glazed - up to 22mm IGU
Frame depth	83mm
Bottom frame height	65mm
Extrusion profiles	6063-T5 with 1.4mm Thickness
Powder Coating	AKZO-NOBLE Interpon Powder with 10 Years Warranty
Flyscreen	Fiberglass and Stainless Steel Security Mesh Available
Fixing Method	Sub sill/head/Fin fix/ Timber reveal
Hardware	USA-Caldwell



Quick Tilt Application

- > Brand: USA-Caldwell
- > Origin Country: USA
- > Model: RS-TS02
- > Colour: Black, White

Double hung windows come pre-assembled, reducing window assembly time. The integrated coil and cover also minimizes contamination and debris, making them easy to clean and a low maintenance solution.

Commercial New Construction

- > Brand: USA-Caldwell
- > Origin Country: USA
- > Model: RS-TS01
- > Colour: Black, White

This fixture has an AMAA Class 5 rating, with high lift assistance, making the sash easy to operate. The boosted force curve also allows the window to fit many common balance pockets.



GLASS LOUVRE MF86

Glass louvres are the perfect addition to any living space, and with several glass options to choose from, so you can ensure the perfect view. Durable and stylish, they strike a unique balance of effortless luxury.

Standard: AS2047

- > Design SLS/ULS: 400Pa/1200Pa
- > Design Water Resistance: 150Pa
- > Sound Insulation: <28DB
- > WERS Data: Uw Range: 0.45 - 0.65
- > SHGC Range: 0.45 - 0.76



Technical characteristics

Maximum height	2700mm
Maximum window panel width	800mm
Maximum adaptive weight	10kg
Available glazing	Double glazed - up to 6mm IGU
Frame depth	85mm
Bottom frame height	45mm
Extrusion profiles	6063-T5 with 2.0mm Thickness
Powder Coating	AKZO-NOBLE Interpon Powder with 10 Years Warranty
Fixing Method	Sub sill/head/Fin fix/ Timber reveal
Hardware	Doric



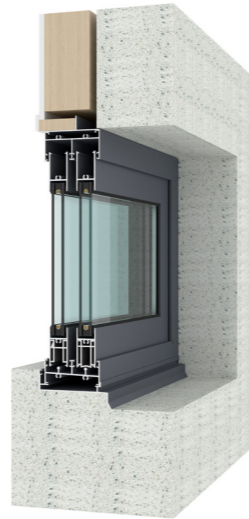
Doric Louvre

> Colour: Black, White, Silver

Louvres are the ideal window solution to creating an open and functional living environment. The glass is non-scratch, with a UV-stabilised powder coat and a 100% opening advantage and ergonomic handle design.



SLIDING DOOR MF86



Sliding doors open horizontally. They sit on wheels or are suspended on a track, unlike standard doors which are suspended on hinges and open by turning. Sliding doors are commonly used for bathrooms and external glass doors. Sliding doors save space, allow maximum light, and can create an open and spacious appearance.

Standard: AS2047

- > Design SLS/ULS: 600Pa/1400Pa
- > Design Water Resistance: 200Pa
- > Sound Insulation: <36DB
- > WERS Data: Uw Range: 3.0 - 3.8
- > SHGC Range: 0.33 - 0.59

Technical characteristics

Maximum height	2700mm
Maximum window panel width	1200mm
Maximum adaptive weight	150kg
Available glazing	Double glazed - up to 22mm IGU
Frame depth	85mm
Bottom frame height	45mm
Extrusion profiles	6063-T5 with 2.0mm Thickness
Powder Coating	AKZO-NOBLE Interpon Powder with 10 Years Warranty
Flyscreen	Fiberglass and Stainless Steel Security Mesh Available
Fixing Method	Sub sill/head/Fin fix/ Timber reveal
Hardware	Doric



Hardware selections

- > Brand: Doric
- > Origin Country: Australia
- > Model: DS3130
- > Colour: Black, Silver

The DS3130 Timbarra Twin Sliding Patio Door Lock was the first non-handed twin actuator system to be offered in the Australian market.



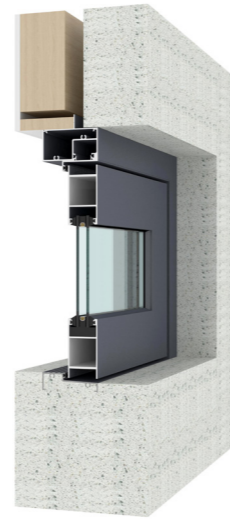
Hardware selections

- > Brand: Doric
- > Origin Country: Australia
- > Model: DS930
- > Colour: Black, Silver

The DS930 handle range has the flexibility for various configurations and handle shapes. This patio door furniture features simple snib operation as well as a clean and contemporary aesthetic, which is ideal for apartment and residential application.



SWING DOOR MF86



Hinged opening doors are traditionally the first option that most people consider when looking for a new or replacement door. They can be left or right opening depending on your preference and space.

Standard: AS2047

- > Design SLS/ULS: 600Pa/1400Pa
- > Design Water Resistance: 200Pa
- > Sound Insulation: <36DB
- > WERS Data: Uw Range: 3.7 - 6.2
- > SHGC Range: 0.32 - 0.57

Technical characteristics

Maximum height	2700mm
Maximum window panel width	1100mm
Maximum adaptive weight	150kg
Available glazing	Double glazed - up to 26mm IGU
Frame depth	105mm
Bottom frame height	26mm
Extrusion profiles	6063-T5 with 2.0mm Thickness
Powder Coating	AKZO-NOBLE Interpon Powder with 10 Years Warranty
Flyscreen	Fiberglass and Stainless Steel Security Mesh Available
Fixing Method	Sub sill/head/Fin fix/ Timber reveal
Hardware	Doric



DS1400 Hinged Door Lock

- > Brand: Doric
- > Origin Country: Australia
- > Model: DS1400
- > Colour: Black, Silver

The DS1400 Series range is finished in Satin Black powdercoat, with the levers and escutcheon manufactured from cast aluminium. It is easy to install and suitable for hinged doors in single, French & bi-fold door.



DS7300 Hinged Door Lock

- > Brand: Doric
- > Origin Country: Australia
- > Model: DN7300
- > Colour: Metallic

The DN7300 Series is compatible for use with the Doric DN995 (23mm/30mm/38mm) Commercial narrow back-set mortice lock mechanism in a wide variety of functions that will suit all commercial locking requirements in Australia and New Zealand.

BIFOLDING DOOR MF86



Aluminum bifold doors are more than just stylish – they are manufactured to last and provide durable performance. Their minimalist design aesthetic create a seamless statement in a variety of spaces, while the folding functionality opens up the possibilities to perfectly complement alfresco style dining or entertaining areas.

Standard: AS2047

- > Design SLS/ULS: 800Pa/2000Pa
- > Design Water Resistance: 200Pa
- > Sound Insulation: <36DB
- > WERS Data: Uw Range: 3.0 - 4.2
- > SHGC Range: 0.36 - 0.52

Technical characteristics

Maximum height	3000mm
Maximum window panel width	850mm
Maximum adaptive weight	150kg
Available glazing	Double glazed - up to 32mm IGU
Frame depth	77.3mm
Bottom frame height	53mm
Extrusion profiles	6063-T5 with 2.0mm Thickness
Powder Coating	AKZO-NOBLE Interpon Powder with 10 Years Warranty
Fixing Method	Sub sill/head/Fin fix/ Timber reveal
Hardware	China Brand



Bifolding Door

- > Brand: China Brand KSBG
- > Origin Country: China
- > Model: KSBG-80
- > Colour: Black, Silver

The KSBG-80 has an automatic lock function, with hardware hidden design to satisfy any combination of folds. Corner design with wide vision.



CUSTOMISATIONS FLYSCREEN SELECTIONS

D811 Security Screen

- > Material: SUS304
- > Finishing: Powder coating
- > Thickness: 0.8mm
- > Weave: 11/m²
- > Colour: Black, Grey

D218 Security Screen

- > Material: SUS304
- > Finishing: Powder coating
- > Thickness: 0.185mm
- > Weave: 18/m²
- > Colour: Black

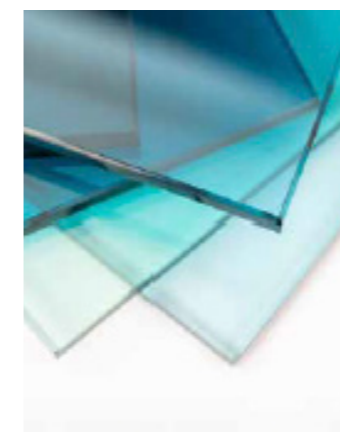
D514 Security Screen

- > Material: SUS304
- > Finishing: Powder coating
- > Thickness: 0.5mm
- > Weave: 11/m²
- > Colour: Black, Grey

1511 Pet Screen

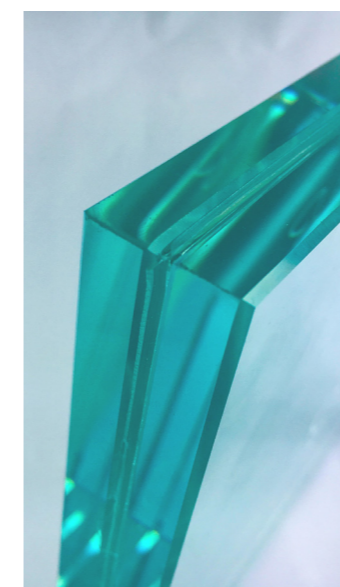
- > Material: 30% fabric, 70% PVC coating
- > Finishing: Powder coating
- > Weave: 360g/m²
- > Weave: 15*11/inch
- > Colour: Black

CUSTOMISATIONS GLASS SELECTIONS



Single Glass

- > Thickness: 5mm/6mm/8mm/10mm/12mm
- > Treatment: tempered, heat soaked, thermally tempered
- > Colour: ultra clear, clear, obscure, tint
- > Finishing: reflective, spendral
- > Feature: safe, strength wind pressure, high impact resistance



Laminated Glass

- > Thickness: 8.76mm/10.76mm/11.14mm/12.76mm/13.14mm
- > Treatment: tempered, heat soaked, thermally tempered
- > Vinyl Interlayer: PVB
- > Interlayer Thickness: 0.38mm/0.76mm/1.14mm
- > Colour: ultra clear, clear, obscure, tint
- > Finishing: reflective, spendral
- > Feature: safe, strength wind pressure, high impact resistance, reduce noise

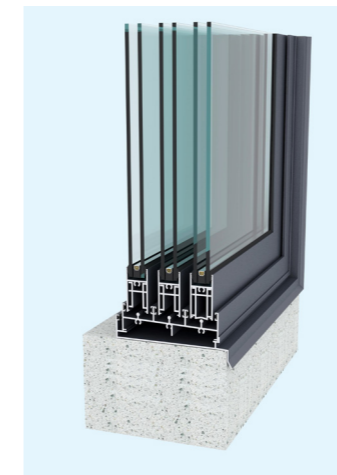
CUSTOMISATIONS GLASS SELECTIONS



Double Glass

- > Thickness: 6mm+12A+6mm/6mm+12A+8.76mm /6mm+9A+10.76mm
- > Glass Spacer Colour: silver/black
- > Gas: air/argon
- > Treatment: tempered, heat soaked, thermally tempered
- > Colour: ultra clear, clear, obscure, tint
- > Finishing: reflective, spendral
- > Feature: safe, strength wind pressure, high impact resistance, reduce noise, energy efficiency

CUSTOMISATIONS FIXING METHOD



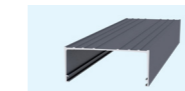
Sub head, Sub Sill, Angle

Features: High water leakage resistance, simple installation (saving labor), safety, fast delivery

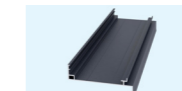
Wall structure suitable:

- > Concrete structure
- > Light Gauge and Hebel Structure
- > Double Brick Structure
- > Light Gauge and Brick Structure

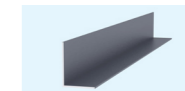
Application: Commercial Buildings, Apartment, Townhouse, Dwellings



Sub Head



Sub Sill



Angle



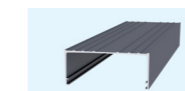
Sub head, Sub Sill, Sub Frame

Features: High water leakage resistance, simple installation (saving labor), safety, fast delivery

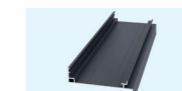
Wall structure suitable:

- > Concrete structure
- > Light gauge and hebel structure
- > Double brick structure
- > Light gauge and brick structure

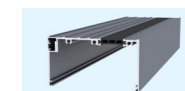
Application: Commercial Buildings, Apartment, Townhouse, Dwellings



Sub Head



Sub Sill



Sub JOMB

CUSTOMISATIONS FIXING METHOD

FINISHINGS POWDER COATING



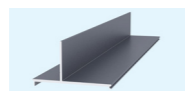
40mm Fin

Features: High water leakage resistance, simple and fast installation, safety

Wall structure suitable:

- > Timber stud and 100/150mm hebel structure
- > Brick veneer structure
- > Light gauge and brick structure

Application: townhouse, dwellings



40mm
Fin



Timber Reveal

Features: high water leakage resistance, simple and fast installation, safety

Wall structure suitable:

- > Timber stud and 100/150mm hebel structure
- > Brick veneer structure
- > Light gauge and brick structure

Application: townhouse, dwellings



Timber
Reveal

Standard Colour

Black/Monument/Grey/White



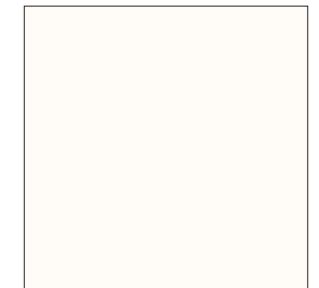
Smooth Black
C31122S 2 GN



Smooth Monument
GP22PC



Light Grey
C30520 S 2 GP



Smooth White
C31878 S 2 GB

Custom Colour



- > Brand: Interpon
- > Customised Colour: Colourbond or RAL swatches
- > Warranty: 10 years, higher resistance products also available

Features: safe, clean, economical and eco-friendly excellent performance Meet the wide range of global coatings standards.



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