SUNNY WINDOWS & DOORS

PG WINDOWS

10 Years Local

7 YEAR WARRANTY



Certified Product™ Australian Standard

ALUMINIUM WINDOW & DOOR SYSTEMS

Technical Catalogue for Builders & Developers

WINDOW ENERGY RATING

HIA

AGWA

AUSTRALIAN GLASS & WINDOW ASSOCIATION

- One-Stop Service
- Climate-Ready Systems
- Standards-Compliant Solutions

Company Overview

With 10 years of experience in the Australian market, Sunny Windows & Doors specialises in Australian-standard aluminium window and door systems, providing one-stop window and door solutions.

We support homeowners, builders, and developers with reliable supply, technical coordination, and project delivery services for projects of various scales.



Project Sectors

Home Renovation

Residential Projects

Commercial Projects

CONTENTS

01 Company Overview

- Project Support Capabilities 01
- Manufacturing & Supply Capability 02

02 Australian Standards & Compliance 03-04

03 Double Glazing & Thermal Break Systems 05

04 Product Systems Overview

- SW Essential Series 07-12
- SW Classic Series 13-32
- SW Commercial Series 33-50
- SW Architectural Series 51-56
- SW Signature Series 57-76
- SW Distinct Series 77-78
- Glass Louvre Windows 79
- Gas Strut Windows 80

05 Customized Windows for Unique Spaces 81-84

06 Optional Features

- Glazing 86
- Powder Coating Finishing 87
- Flyscreen 88
- Hardware Options 89

07 Project Support & Details

- Installation Details 90-91
- Project Workflow 92-93
- Project Applications 94-96

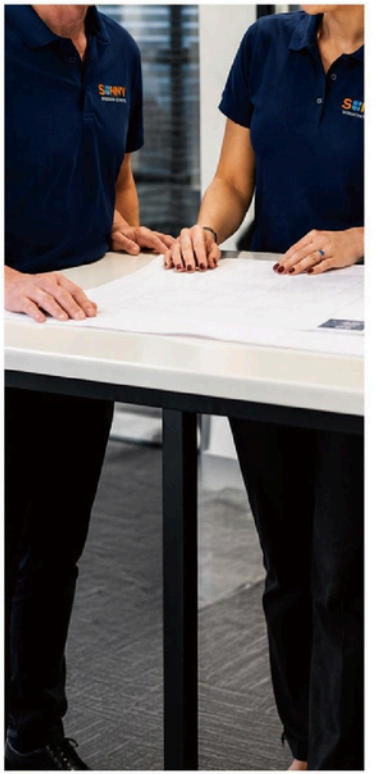
Project Support Capabilities



01

Drawing review & quotation support

Review project drawings and provide suitable system recommendations with quotation support.



02

Shop drawing coordination

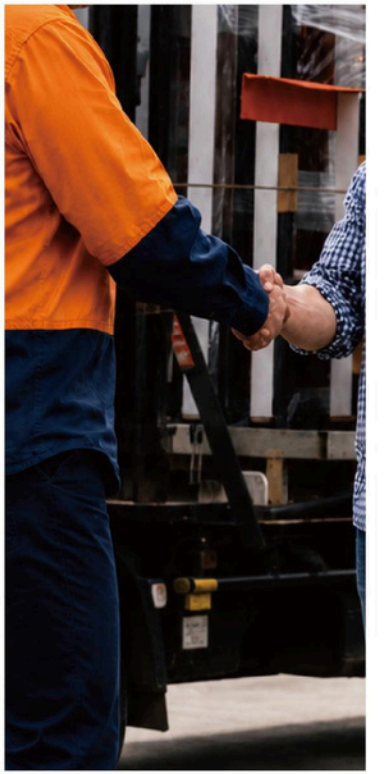
Assist with shop drawing development and technical coordination based on project requirements.



03

Production scheduling

Coordinate production planning and schedules to support project timelines.



04

Delivery coordination

Arrange and coordinate shipment schedules to ensure smooth project delivery.



05

Installation guidance support

Provide installation guidance and on-site coordination support, with experienced installation teams available for project requirements.

Manufacturing & Supply Capability

Sunny Windows & Doors operates a 20,000m professional aluminium window and door manufacturing facility, supporting residential and commercial projects across Australia. With a monthly production capacity of up to 5,000m, we provide stable supply solutions for projects of various scales while ensuring consistent quality and reliable production output. Through a project-based production management system, we efficiently coordinate production planning, quality control, and delivery schedules to support smooth project execution.





20,000m² Manufacturing Facility

UP TO 5,000m² Monthly Production Capacity



Australian Standard Compliance

Sunny Windows & Doors systems are designed and manufactured to meet relevant Australian building requirements, including:

AS2047 – Window & door performance requirements
AS1288 – Glass selection and installation safety
NCC (National Construction Code) – Building compliance requirements


intertek
Total Quality Assured.

Sunny Window and Door Systems Co., Ltd.

TEST REPORT

SCOPE OF WORK
Awning Window

REPORT NUMBER

TEST DATE(S)

ORIGINAL ISSUE DATE

PAGES

DOCUMENT CONTROL NUMBER

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

AS2047



Project Performance Testing

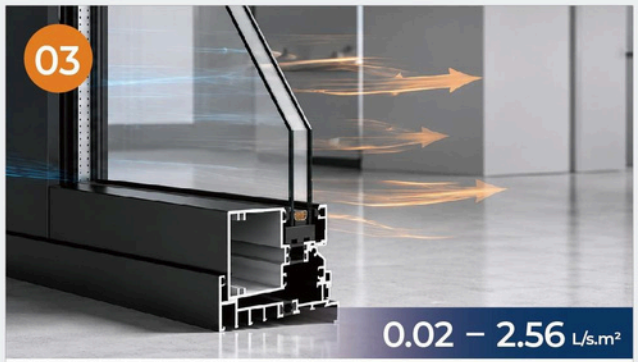
Our systems are engineered to support:



Ultimate wind pressure



Water penetration resistance



Air infiltration control

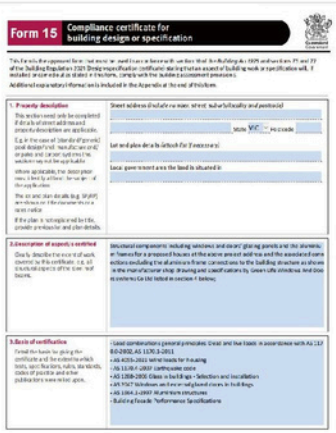
Compliance Documentation

We can provide project-required documentation, including:



Certificate of Compliance （COC）

For Melbourne, Sydney, Perth



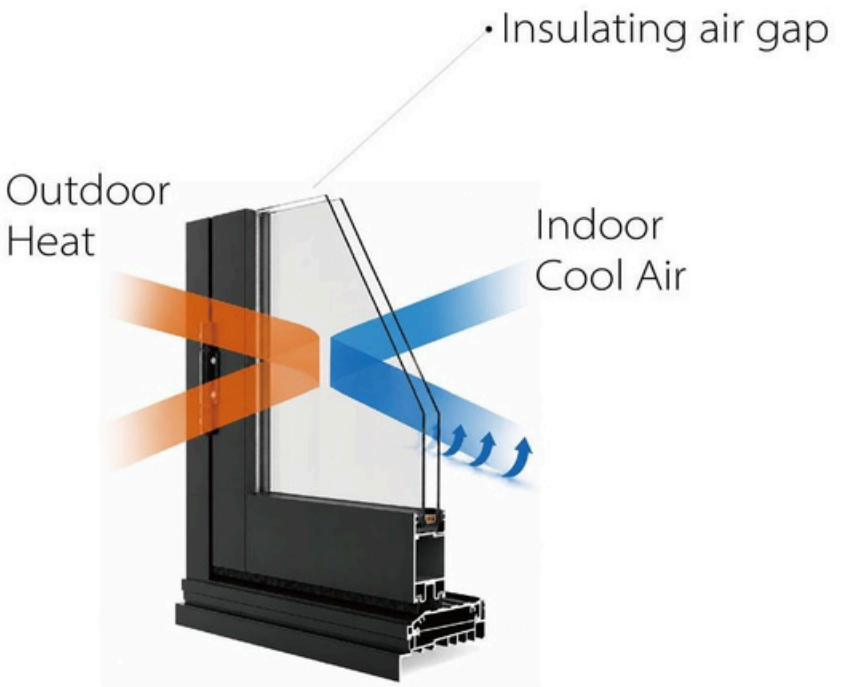
Form 15

For Brisbane

Applicable Test Reports

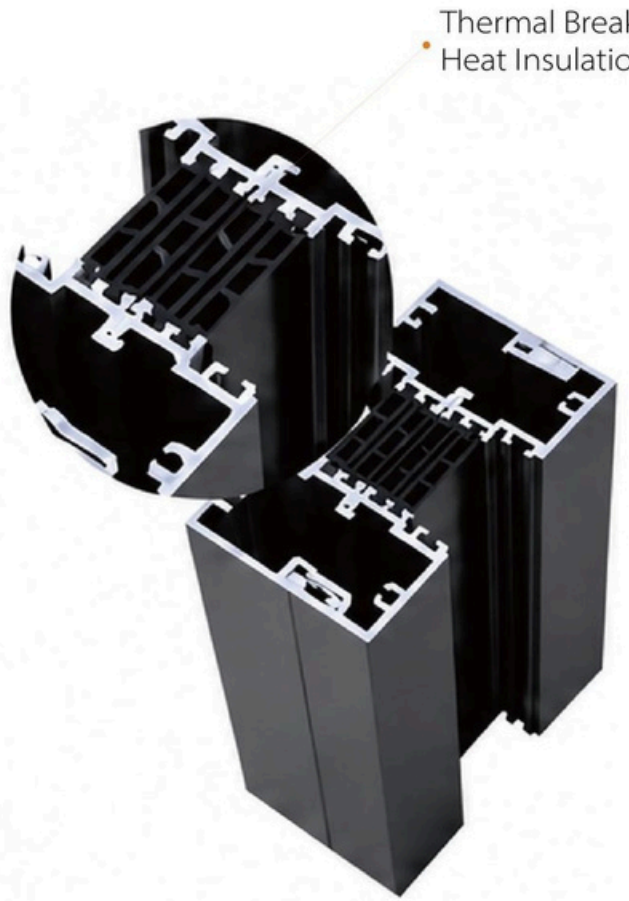
Engineering Support Documents For Project Submission

Energy Efficiency & Thermal Performance



What is thermal break?

A thermal break physically separates the interior and exterior sections of an aluminium window frame by incorporating an insulating material, such as polyamide (nylon). This advanced design significantly reduces heat transfer and thermal bridging, improves insulation performance, enhances energy efficiency, and helps maintain a comfortable indoor environment throughout the year.



Why not double glazing?

- Energy Saving
- Heat Insulation
- Noise Reduction
- Increased Safety



PRODUCT SYSTEMS OVERVIEW

SUNNY
WINDOWS & DOORS

At Sunny Windows & Doors, we understand that every project has unique requirements in performance, aesthetics and budget.

To meet the diverse demands of Australian residential, multi-residential and commercial developments, we have developed five distinct product series, each engineered to deliver the ideal balance of functionality, compliance and design.

- **SW Essential Series**
- **SW Classic Series**
- **SW Commercial Series**
- **SW Architectural Series**
- **SW Signature Series**
- **SW Distinct Series**

From practical everyday solutions to premium architectural systems, Sunny Windows & Doors provides a complete range of window and door solutions tailored to modern Australian construction.

SW
Essential Series

SW Essential Series delivers reliable quality and cost-effective solutions for residential projects.
Built with a standard residential frame system and optimised for double glazing, it provides practical performance with strong value.
An ideal entry-level solution for modern domestic applications.

01



SW Essential series

50 Sliding Window





H133 Lock



Product Parameters

Frame depth	50mm
Height Range	400-1500mm
Width Range	300-1200mm

Performance Parameters

Uw range	3.2-4.1
SHGC range	0.28-0.59
Serviceability	±1600Pa
Ultimate pressure	±3000Pa
Air infiltration rate	2.10-2.05 L/s.m^2
Water penetration resistance	150Pa

System Components

Glass configuration	4mm+6Ar+4mm; 5mm+6Ar+5mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Rollers
Handles	H133 Mortice Sliding Window Lock
Maximum weight per panel	60Kg

Installation & Drainage

Installation types	Timber Reveal
Drainage design	Integrated drainage sill design for efficient water drainage.



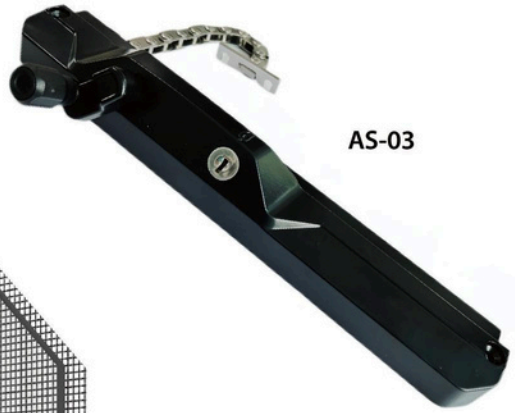
SW Essential series

50 Awning Window





Doric DS1



AS-03



Product Parameters

Frame depth	50mm
Height Range	400-1600mm
Width Range	400-1600mm

Performance Parameters

Uw range	3.7-4.4
SHGC range	0.29-0.56
Serviceability	±1200Pa
Ultimate pressure	±3000Pa
Air infiltration rate	0.47-1.92 L/s.m^2
Water penetration resistance	450Pa

System Components

Glass configuration	5mm+9Ar+5mm; 6mm+6Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Chainwinder
Handles	AS-03 Chainwinder； Doric DS1 Chainwinder
Maximum adaptive weight	60Kg

Installation & Drainage

Installation types	Timber Reveal
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Essential series

50 Hinged Door





MZS20 Hinged door Lock



Product Parameters

Frame depth	50mm
Height Range	/-3000mm
Width Range	/-1000mm

Performance Parameters

Uw range	3.4-4.2
SHGC range	0.27-0.53
Serviceability	±2000Pa
Ultimate pressure	±3000Pa
Air infiltration rate	0.84-0.93 L/s.m^2
Water penetration resistance	300Pa

System Components

Glass configuration	5mm+9Ar+5mm; 6mm+6Ar+6mm
Surface treatment	Powder coating
Sill Options	Accessible sill as standard
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	N/A

Hardware System

Movement components	Hinge, Handle
Handles	MZS20 Hinged door Lock
Maximum adaptive weight	90Kg

Installation & Drainage

Installation types	Timber Reveal
Drainage design	Integrated drainage sill design for efficient water drainage.

SW
Classic Series

SW Classic Series offers reliable performance and strong value for residential and light commercial applications.
Built with a non-thermally broken frame system and optimised for double glazing, it delivers strength, light, and ventilation in a slim modern profile.
A balanced solution of durability, aesthetics, and affordability for everyday use.

02



SW Classic series
76 Sliding Window

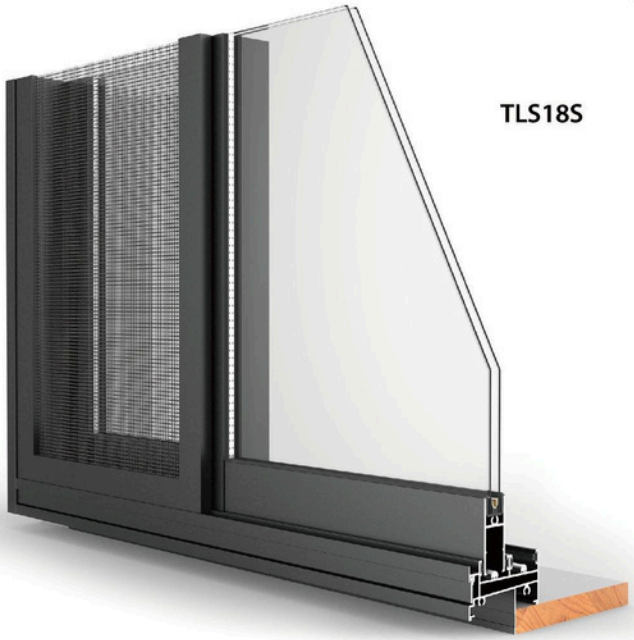




Doric DN560



TLS18S



Product Parameters

Frame depth	76mm
Height Range	400-1800mm
Width Range	300-1500mm

Performance Parameters

Uw range	3.5-4.2
SHGC range	0.20-0.59
Serviceability	±2000Pa
Ultimate pressure	±3000Pa
Air infiltration rate	3.55-3.25 L/s.m^2
Water penetration resistance	300Pa

System Components

Glass configuration	4mm+6Ar+4mm; 5mm+6Ar+5mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Rollers
Handles	TLS18S Mortice Sliding Window Lock; Doric DN560 Mortice Sliding Window Lock
Maximum weight per panel	40Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Drainage design with drainage sill or self-draining system.



SW Classic series

100 Sliding Window





Doric DN560



TLS18S



Product Parameters

Frame depth	100mm
Height Range	400-1800mm
Width Range	300-1500mm

Performance Parameters

Uw range	3.0-3.8
SHGC range	0.26-0.56
Serviceability	±2000Pa
Ultimate pressure	±3000Pa
Air infiltration rate	0.47-0.49 L/s.m^2
Water penetration resistance	150Pa

System Components

Glass configuration	4mm+6Ar+4mm; 5mm+6Ar+5mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Rollers, Hook Lock
Handles	TLS18S Mortice Sliding Window Lock; Doric DN560 Mortice Sliding Window Lock
Maximum weight per panel	40Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Drainage design with drainage sill or self-draining system.



SW Classic series

76 Awning Window





Doric DS1



AS-03



Product Parameters

Frame depth	76mm
Height Range	400-1800mm
Width Range	400-1800mm

Performance Parameters

Uw range	3.9-4.6
SHGC range	0.18-0.51
Serviceability	±2000Pa
Ultimate pressure	±4000Pa
Air infiltration rate	0.15-0.45 L/s.m^2
Water penetration resistance	600Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Friction Hinge, Chainwinder
Handles	AS-03 Chainwinder; Doric DS1 Chainwinder
Maximum adaptive weight	100Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Classic series

100 Awning Window

SW 100 Awning Window





Doric DS1



AS-03



Product Parameters

Frame depth	100mm
Height Range	400-1800mm
Width Range	400-1800mm

Performance Parameters

Uw range	4.0-4.6
SHGC range	0.18-0.51
Serviceability	+2000Pa/-1600Pa
Ultimate pressure	±4000Pa
Air infiltration rate	0.15-0.20 L/s.m^2
Water penetration resistance	600Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Friction Hinge, Chainwinder
Handles	AS-03 Chainwinder; Doric DS1 Chainwinder
Maximum adaptive weight	100Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Classic series

100 Double Hung





Double Hung Lock Set

Product Parameters

Frame depth	100mm
Height Range	400-1350mm
Width Range	400-1500mm

Performance Parameters

Uw range	3.6-6.5
SHGC range	0.23-0.67
Serviceability	±1600Pa
Ultimate pressure	±3000Pa
Air infiltration rate	75pa
Water penetration resistance	200Pa

System Components

Glass configuration	4mm+8Ar+4mm; 5mm+6Ar+5mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Rollers, Lock
Handles	Double Hung Lock Set
Maximum adaptive weight	30Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Classic series

76 Hand Cranking Casement Window





APT

Product Parameters

Frame depth	76mm
Height Range	400-1800mm
Width Range	400-1800mm

Performance Parameters

Uw range	3.9-4.6
SHGC range	0.18-0.51
Serviceability	±2000Pa
Ultimate pressure	±4000Pa
Air infiltration rate	0.15-0.45 L/s.m²
Water penetration resistance	600Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Friction Hinge, Chainwinder
Handles	APT Chainwinder
Maximum adaptive weight	100Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Classic series

100 Hand Cranking Casement Window

SW 100 Hand Cranking Casement Window





APT

Product Parameters

Frame depth	100mm
Height Range	400-1800mm
Width Range	400-1000mm

Performance Parameters

Uw range	4.0-4.6
SHGC range	0.17-0.51
Serviceability	+2000Pa/-1600Pa
Ultimate pressure	±4000Pa
Air infiltration rate	0.15-0.20 L/s.m^2
Water penetration resistance	600Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Friction Hinge, Chainwinder
Handles	APT Chainwinder
Maximum adaptive weight	100Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Classic series

100 Sliding / Stacker Door





B152





Drainage
Channel Design

Product Parameters

Frame depth	100mm / 165mm
Height Range	/-2700mm
Width Range	/-1500mm

Performance Parameters

Uw range	3.4-4.1
SHGC range	0.20-0.64
Serviceability	±2000Pa
Ultimate pressure	±4000Pa
Air infiltration rate	+2.56--2.96 L/s.m^2
Water penetration resistance	150Pa

System Components

Glass configuration	4mm+8Ar+4mm; 5mm+6Ar+5mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black Heavy Duty

Hardware System

Movement components	Rollers, Handle
Handles	B152 Timbarra Sliding Patio Door Lock Set
Maximum weight per panel	180Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Drainage design with drainage sill or self-draining system.



SW Classic series

100 Hinged Door with Security Flyscreen





DL-010



Product Parameters

Frame depth	100mm
Height Range	/-2700mm
Width Range	/-1000mm

Performance Parameters

Uw range	3.5-4.2
SHGC range	0.18-0.54
Serviceability	±2000Pa
Ultimate pressure	±4000Pa
Air infiltration rate	1.16-1.26 L/s.m²
Water penetration resistance	200Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Sill Options	Accessible sill as standard
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black Heavy Duty

Hardware System

Movement components	Hinge, Handle
Handles	DL- 010 & DH51 Hinged door Lock Set
Maximum adaptive weight	90Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Classic series

100 Pivot Door





Pivot Door Lock



Product Parameters

Frame depth	100mm
Height Range	/-3000mm
Width Range	/-1400mm

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	N/A

Hardware System

Movement components	Floor Spring, Handle
Handles	Pivot Door Lock
Maximum adaptive weight	120Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	N/A

SW
Commercial Series

SW Commercial Series is engineered for high-performance commercial and multi-residential applications, delivering strength and long-term durability.
Featuring a 100mm framing system, it supports both internal and external glazing for maximum flexibility.
A practical solution combining performance, reliability, and architectural consistency.

03



SW Commercial series
100 Sliding Window

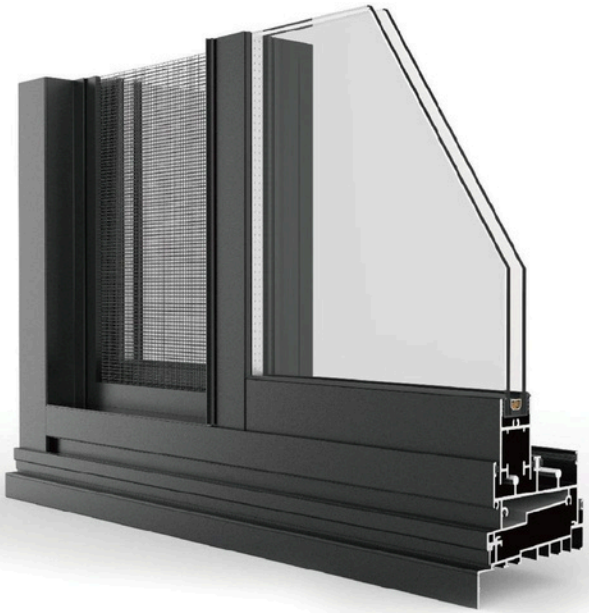




Doric DN560



TLS18S



Product Parameters

Frame depth	100mm
Height Range	400-2000mm
Width Range	300-1500mm

Performance Parameters

Uw range	3.6-4.3
SHGC range	0.26-0.51
Serviceability	±2200Pa
Ultimate pressure	±3300Pa
Air infiltration rate	0.9-1.01 L/s.m²
Water penetration resistance	300Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Rollers, Hook lock
Handles	TLS18S Mortice Sliding Window Lock; Doric DN560 Mortice Sliding Window Lock
Maximum weight per panel	40Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Drainage design with drainage sill or self-draining system.



SW Commercial series

100 Awning Window

SW 100 Awning Window





Doric DS1



AS-03



Product Parameters

Frame depth	100mm
Height Range	400-2400mm
Width Range	400-2400mm

Performance Parameters

Uw range	3.6-4.3
SHGC range	0.26-0.51
Serviceability	±2200Pa
Ultimate pressure	±3300Pa
Air infiltration rate	0.9-1.01 L/s.m^2
Water penetration resistance	300Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Friction Hinge, Chainwinder
Handles	AS-03 Chainwinder; Doric DS1 Chainwinder
Maximum adaptive weight	100Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Commercial series

100 Double Hung





Double Hung Lock Set



Product Parameters

Frame depth	100mm
Height Range	400-1350mm
Width Range	400-1500mm

Performance Parameters

Uw range	3.8-4.3
SHGC range	0.26-0.60
Serviceability	±1600Pa
Ultimate pressure	±3000Pa
Air infiltration rate	1.23-1.21 L/s.m²
Water penetration resistance	200Pa

System Components

Glass configuration	4mm+8Ar+4mm; 5mm+6Ar+5mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Rollers, Lock
Handles	Double Hung Lock Set
Maximum adaptive weight	30Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Commercial series

100 Bi-fold Window





DLK832

Product Parameters

Frame depth	100mm
Height Range	500-2400mm
Width Range	400-900mm

Performance Parameters

Uw range	4.4-5.1
SHGC range	0.28-0.45
Serviceability	±1800Pa
Ultimate pressure	+3000pa/-2500Pa
Air infiltration rate	1.07-2.04 L/s.m^2
Water penetration resistance	150Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	N/A

Hardware System

Movement components	Heavy-Duty Roller System, Hinge,Handle
Handles	Commercial Bi-Fold Window Hardware Set
Maximum weight per panel	50Kg

Installation & Drainage

Installation types	Timber Reveal, Fin, Installation accessories
Drainage design	Drainage design with drainage sill or self-draining system.

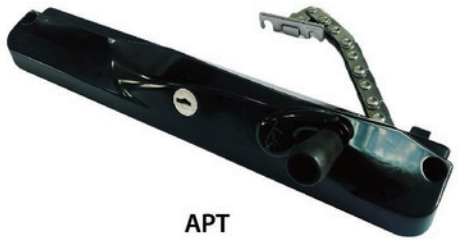


SW Commercial series

100 Hand Cranking Casement Window

SW 100 Hand Cranking Casement Window





APT

Product Parameters

Frame depth	100mm
Height Range	400-2400mm
Width Range	400-1000mm

Performance Parameters

Uw range	4.5-5.5
SHGC range	0.19-0.41
Serviceability	+2000Pa/-1600Pa
Ultimate pressure	+4000Pa/-3000Pa
Air infiltration rate	0.10-0.11 L/s.m^2
Water penetration resistance	600Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Friction Hinge, Chainwinder
Handles	APT Chainwinder
Maximum adaptive weight	75Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Drainage design with drainage sill or self-draining system.



SW Commercial series

100 Sliding / Stacker Door

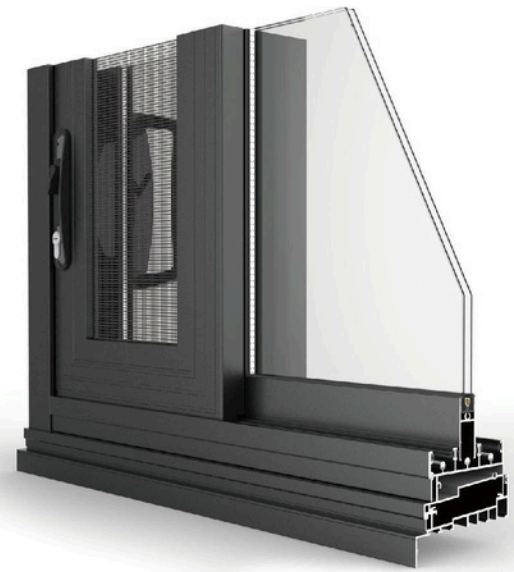




Long Pull Handle



Doric DS3130





Drainage
Channel Design

Product Parameters

Frame depth	100mm / 150mm / 200mm
Height Range	/-3000mm
Width Range	/-1750mm

Performance Parameters

Uw range	3.2-3.9
SHGC range	0.33-0.59
Serviceability	± 2200Pa
Ultimate pressure	± 3300Pa
Air infiltration rate	0.9-1.0 L/s.m^2
Water penetration resistance	300Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black Heavy Duty

Hardware System

Movement components	Rollers, Handle
Handles	Doric DS3130; Doric DS575; 600mm Square Set D Pull Handle
Maximum weight per panel	180/250Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Commercial series

100 Hinged Door







Legge 995



Product Parameters

Frame depth	100mm
Height Range	/-2700mm
Width Range	/-1000mm

Performance Parameters

Uw range	3.7-4.3
SHGC range	0.28-0.53
Serviceability	± 2000Pa
Ultimate pressure	± 3300Pa
Air infiltration rate	2.70-3.15 L/s.m^2
Water penetration resistance	150Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Sill Options	Accessible sill as standard
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black Heavy Duty

Hardware System

Movement components	Hinge, Handle
Handles	Doric DS1295; Legge 995; Dorma SB2312; AS7041-04
Maximum adaptive weight	90Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Commercial series

100 Bi-fold Door





Drainage
Channel Design





ARCHIE S7041-04

Product Parameters

Frame depth	100mm
Height Range	/-2700mm
Width Range	/-900mm

Performance Parameters

Uw range	3.5-4.1
SHGC range	0.33-0.53
Serviceability	± 1800Pa
Ultimate pressure	± 3000Pa
Air infiltration rate	0.64-1.14 L/s.m²
Water penetration resistance	150Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Sill Options	Accessible sill as standard
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	N/A

Hardware System

Movement components	Heavy-Duty Roller System, Hinge, Handle
Handles	Commercial Bi-Fold Door Hardware Set
Maximum weight per panel	90Kg

Installation & Drainage

Installation types	Timber Reveal, Fin, Installation accessories
Drainage design	Drainage design with drainage sill or self-draining system.



SW Commercial series

100 Pivot Door





Pivot Door Lock



Product Parameters

Frame depth	100mm
Height Range	/-3000mm
Width Range	/-1400mm

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Sill Options	Accessible sill as standard
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	N/A

Hardware System

Movement components	Floor Spring, Handle
Handles	Pivot Door Lock
Maximum adaptive weight	120Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	N/A

SW
Architectural Series

Premium Thermal Solutions for Modern Homes

SW Architectural Series is a high-performance thermally broken system designed for modern architectural projects.
With slim yet strong profiles, it supports larger glazing areas while maintaining structural and thermal performance.
A refined balance of durability, efficiency, and design flexibility.

04



SW Architectural series
70 Awning Window





ACME 132635-XC12



Product Parameters

Frame depth	70mm
Height Range	400-2400mm
Width Range	400-2400mm

Performance Parameters

Uw range	2.5-3.2
SHGC range	0.28-0.53
Serviceability	± 2200Pa
Ultimate pressure	± 3300Pa
Air infiltration rate	0.07-0.09 L/s.m²
Water penetration resistance	300Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Friction Hinge, Chainwinder
Handles	Stainless Steel Bar Operation Linkage Winder
Maximum adaptive weight	100Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories.
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Architectural series

70 Tilt & Turn Window

SW 70 Tilt & Turn Window





HOPO PH312



Product Parameters

Frame depth	70mm
Height Range	700-2400mm
Width Range	500-1200mm

Performance Parameters

Uw range	2.8-3.3
SHGC range	0.15-0.47
Serviceability	± 2000Pa
Ultimate pressure	± 3000Pa
Air infiltration rate	0.08-0.06 L/s.m²
Water penetration resistance	600Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Hinge, Handle
Handles	HOPO PH312 Window Lock Set
Maximum adaptive weight	90Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Drainage design with drainage sill or self-draining system.



SW Architectural series

70 Hinged Door





HOPO HSD605



Product Parameters

Frame depth	70mm
Height Range	/-3000mm
Width Range	/-1000mm

Performance Parameters

Uw range	2.5-3.2
SHGC range	0.22-0.51
Serviceability	± 2000Pa
Ultimate pressure	± 3000Pa
Air infiltration rate	1.10 L/s.m²
Water penetration resistance	300Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Sill Options	Accessible sill as standard
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	N/A

Hardware System

Movement components	Hinge, Handle
Handles	HOPO HSD605 Lock Set
Maximum adaptive weight	90Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.

SW
Signature Series

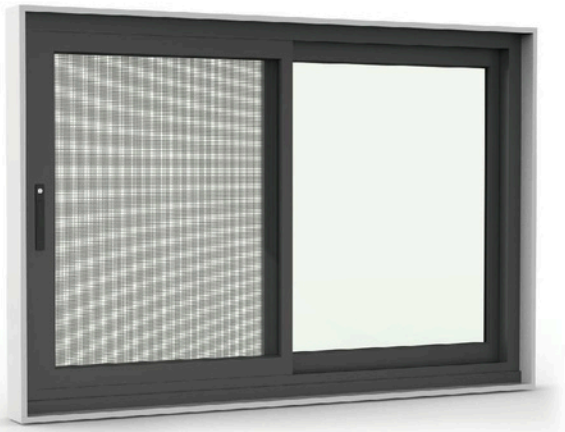
Premium Thermal Solutions for Modern Homes

SW Signature Series is our premium thermally broken system for high-end architectural applications.
Featuring minimalist profiles and advanced double glazing integration, it delivers outstanding thermal performance and durability.
A perfect balance of comfort, performance, and architectural elegance.

05



SW Signature series
100 Sliding Window

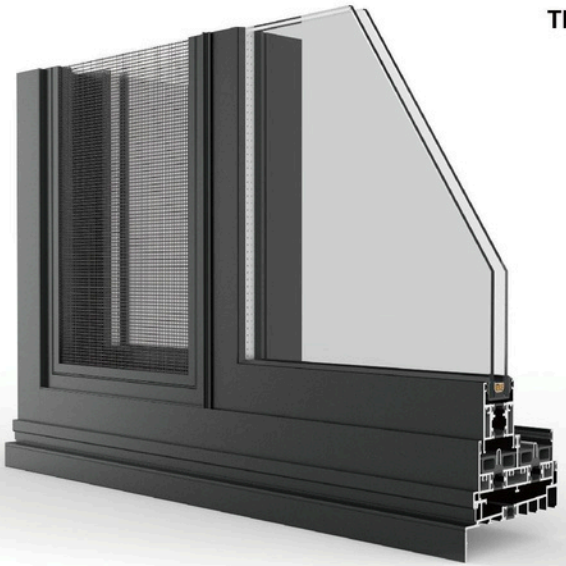




Doric DN560



TLS18S



Product Parameters

Frame depth	100mm
Height Range	400-2400mm
Width Range	300-1500mm

Performance Parameters

Uw range	2.6-3.4
SHGC range	0.24-0.53
Serviceability	± 2200Pa
Ultimate pressure	± 3300Pa
Air infiltration rate	0.6 L/s.m^2
Water penetration resistance	300Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Rollers, Hook Lock
Handles	TLS18S Mortice Sliding Window Lock; Doric DN560 Mortice Sliding Window Lock
Maximum weight per panel	40Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Signature series

100 Awning Window





Doric DS1



AS-03



Product Parameters

Frame depth	100mm
Height Range	400-2400mm
Width Range	400-2400mm

Performance Parameters

Uw range	3.1-4.0
SHGC range	0.20-0.45
Serviceability	± 2000Pa
Ultimate pressure	+4000Pa/-3000Pa
Air infiltration rate	0.8-2.12 L/s.m^2
Water penetration resistance	600Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Friction Hinge, Chainwinder
Handles	AS-03 Chainwinder; Doric DS1 Chainwinder
Maximum adaptive weight	100Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Signature series

93 Bi-fold Window





KS-XN0003AL



Product Parameters

Frame depth	93mm
Height Range	600-3000mm
Width Range	400-900mm

Performance Parameters

Uw range	3.2-4.4
SHGC range	0.28-0.45
Serviceability	± 2000Pa
Ultimate pressure	± 3000Pa
Air infiltration rate	1.51-2.51 L/s.m²
Water penetration resistance	200Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	N/A

Hardware System

Movement components	Heavy-Duty Roller System, Guide Roller System, Hinge, Handle
Handles	Signature Bi-Fold Window Hardware Set
Maximum weight per panel	150Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.

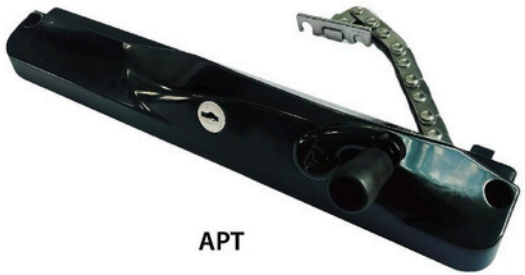


SW Signature series

100 Hand Cranking Casement Window

SW 100 Hand Cranking Casement Window





APT

Product Parameters

Frame depth	100mm
Height Range	400-2400mm
Width Range	400-1000mm

Performance Parameters

Uw range	3.1-4.0
SHGC range	0.20-0.45
Serviceability	± 2000Pa
Ultimate pressure	+4000Pa/-3000Pa
Air infiltration rate	0.8-2.12 L/s.m²
Water penetration resistance	600Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black stainless steel mesh and Black Heavy Duty options available.

Hardware System

Movement components	Friction Hinge, Chainwinder
Handles	APT Chainwinder
Maximum adaptive weight	75Kg

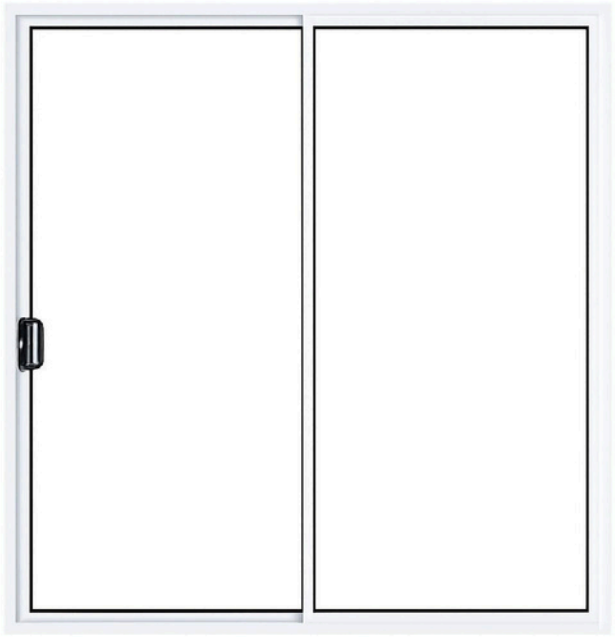
Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Signature series

100 Sliding / Stacker Door





Doric DN1290





Drainage
Channel Design

Product Parameters

Frame depth	100mm /150mm / 200mm
Height Range	/-1600mm
Width Range	/-3000mm

Performance Parameters

Uw range	2.1-2.9
SHGC range	0.33-0.63
Serviceability	± 1200Pa
Ultimate pressure	± 3000Pa
Air infiltration rate	2.14-1.78 L/s.m²
Water penetration resistance	300Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black Heavy Duty

Hardware System

Movement components	Rollers, Handle
Handles	B152; Doric DS3130; Doric DS575; 600mm Square Set D Pull Handle
Maximum adaptive weight	100/180Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Signature series

100 Hinged Door







Legge 995



Product Parameters

Frame depth	100mm
Height Range	/-2700mm
Width Range	/-1000mm

Performance Parameters

Uw range	2.6-3.2
SHGC range	0.22-0.45
Serviceability	± 2000Pa
Ultimate pressure	± 4000Pa
Air infiltration rate	0.11-0.15 L/s.m^2
Water penetration resistance	300Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Sill Options	Accessible sill as standard
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	N/A

Hardware System

Movement components	Hinge, Handle
Handles	Doric DS1295; Legge 995; Dorma SB2312; AS7041-04
Maximum adaptive weight	90Kg

Installation & Drainage

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Signature series

150 Hinged Door with Security Flyscreen





HSD605



HSD608



Product Parameters

Frame depth	100mm
Height Range	/-3000mm
Width Range	/-1000mm

Performance Parameters

Uw range	2.5-3.3
SHGC range	0.33-0.59
Serviceability	±800Pa
Ultimate pressure	± 2000Pa
Air infiltration rate	1.13-1.02 L/s.m²
Water penetration resistance	300Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Sill Options	Accessible sill as standard
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	Black Heavy Duty

Hardware System

Movement components	Hinge, Handle
Handles	HOPO HSD605 & HSD608 Lock Set
Maximum adaptive weight	90Kg

Installation & Interface Details

Installation types	Timber Reveal, Subhead & Subsill, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Signature series

93 Bi-fold Door





KS-XN0003AL



KS-ZS0002PL



KS-XN0006AL





Drainage
Channel Design

Product Parameters

Frame depth	93mm
Height Range	/-3000mm
Width Range Per Panel	/-900mm

Performance Parameters

Uw range	2.6-3.3
SHGC range	0.17-0.53
Serviceability	± 2000Pa
Ultimate pressure	± 3000Pa
Air infiltration rate	1.51-2.51 L/s.m²
Water penetration resistance	200Pa

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	N/A

Hardware System

Movement components	Heavy-Duty Roller System, Guide Roller System, Hinge, Handle
Handles	Signature Bi-Fold Door Hardware Set
Maximum weight per panel	150Kg

Installation & Drainage

Installation types	Timber Reveal, Fin, Installation accessories
Drainage design	Integrated drainage sill design for efficient water drainage.



SW Signature series

100 Pivot Door





Pivot Door Lock



Product Parameters

Frame depth	100mm
Height Range	/-3000mm
Width Range	/-1400mm

System Components

Glass configuration	5mm+12Ar+5mm; 6mm+12Ar+6mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (Black, White and Monument), with custom finishes offered for large-scale projects.
Flyscreen	N/A

Hardware System

Movement components	Floor Spring,Handle
Handles	Pivot Door Lock
Maximum adaptive weight	120Kg

Installation & Interface Details

Installation types	Timber Reveal, Fin, Installation accessories
Drainage design	N/A



SW Signature

150 Slimline Sliding Door





MY007.117S



Product Parameters

Frame depth	150mm
Height Range	/-3000mm
Width Range Per Panel	/-3000mm

System Components

Glass configuration	6mm+20Ar+6mm; 8mm+16Ar+8mm
Surface treatment	Powder coating
Frame Colours	Available in standard colours (black, white and grey), with custom finishes offered for large-scale projects
Flyscreen	Retracable

Hardware System

Movement components	Rollers, Handle
Handles	MY007.117S
Maximum weight per panel	400kg

Installation & Interface Details

Installation types	Fixing screws
Drainage design	Integrated drainage sill design for efficient water drainage.

SW Distinct Series

Part of our continuously expanding product portfolio, the SW Distinct Series reflects our commitment to providing architects, builders, and homeowners with more design possibilities and premium solutions.

As we continue to introduce new systems and innovations, customers can enjoy greater flexibility, more choices, and solutions tailored to every project.

06



SW Distinct

Top Hung Sliding Door & Automatic Sliding Door





DN1290/40

Recommended Applications



Balconies



Covered Outdoor Areas
(Under Eaves or Awnings)



Bedrooms

SW Distinct Top Hung Sliding Door

Product Parameters	
Width Range	/-1000mm
Height Range	/-2700mm



SW Distinct Automatic Sliding Door

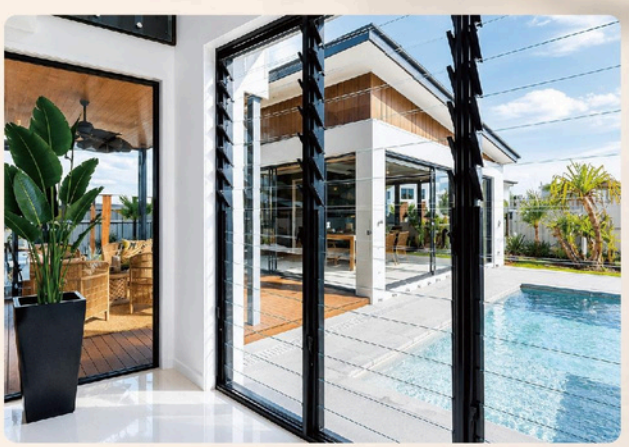
Product Parameters	
Width Range	/-1000mm
Height Range	/-2700mm

Glass Louvre Windows

Engineered for superior ventilation and modern performance, this system combines advanced aluminium frame technology with Breezeway glass louvre blades to achieve optimal airflow control.
Available in thermally broken and non-thermally broken options, and it delivers flexibility across residential and commercial applications.
Integrated stainless-steel mesh enhances protection, while maintaining durability and clean architectural aesthetics.

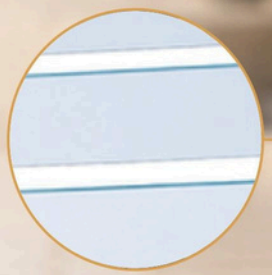
Product Parameters

Uw range:	5.0-6.2
SHGC range:	0.35-0.53
Serviceability:	±800Pa
Ultimate pressure:	±2000Pa
Water penetration resistance:	200Pa





Cam handle lock



Opening Restriction Available



Commercial grade non-thermal/thermal break frame



Gas Strut Window

Our Gas Strut Window combines the proven performance of an Awning Window with an innovative strut-assisted opening system.
Featuring large glass panels and an opening angle of up to 89 degrees, it maximises views, natural ventilation, and accessibility.
Ideal for modern kitchens and servery applications, it creates a seamless connection between indoor and outdoor living spaces while maintaining clean architectural aesthetics.

Product Parameters

Width Range	400-2400mm
Height Range	700-1700mm



Customized Windows

Tailor-Made Window Design for Unique Spaces

We design and manufacture fully customised solutions to match complex architectural requirements — Corner Windows, Bay Windows, Triangular, Arch, Curved, and Circular designs. Precision-built. Seamlessly integrated. Designed for your vision.







Corner Windows



Bay Windows



Triangular



Arch



Curved



Circular

Custom-Made Windows for Distinctive Architectural Spaces



Corner Windows

Create uninterrupted views with clean glass-to-glass corner connections.






Arched Windows


Curved Windows


Circular Windows



Bay Windows



Triangular Windows



System Options & Support

SUNNY
WINDOWS & DOORS

At Sunny Windows & Doors, we believe high-performance systems go beyond the product itself — combining specification, detailing, installation and execution to deliver real results.

To support residential and commercial projects across Australia, we provide a complete range of optional upgrades and project services to ensure performance, compliance and efficiency at every stage.

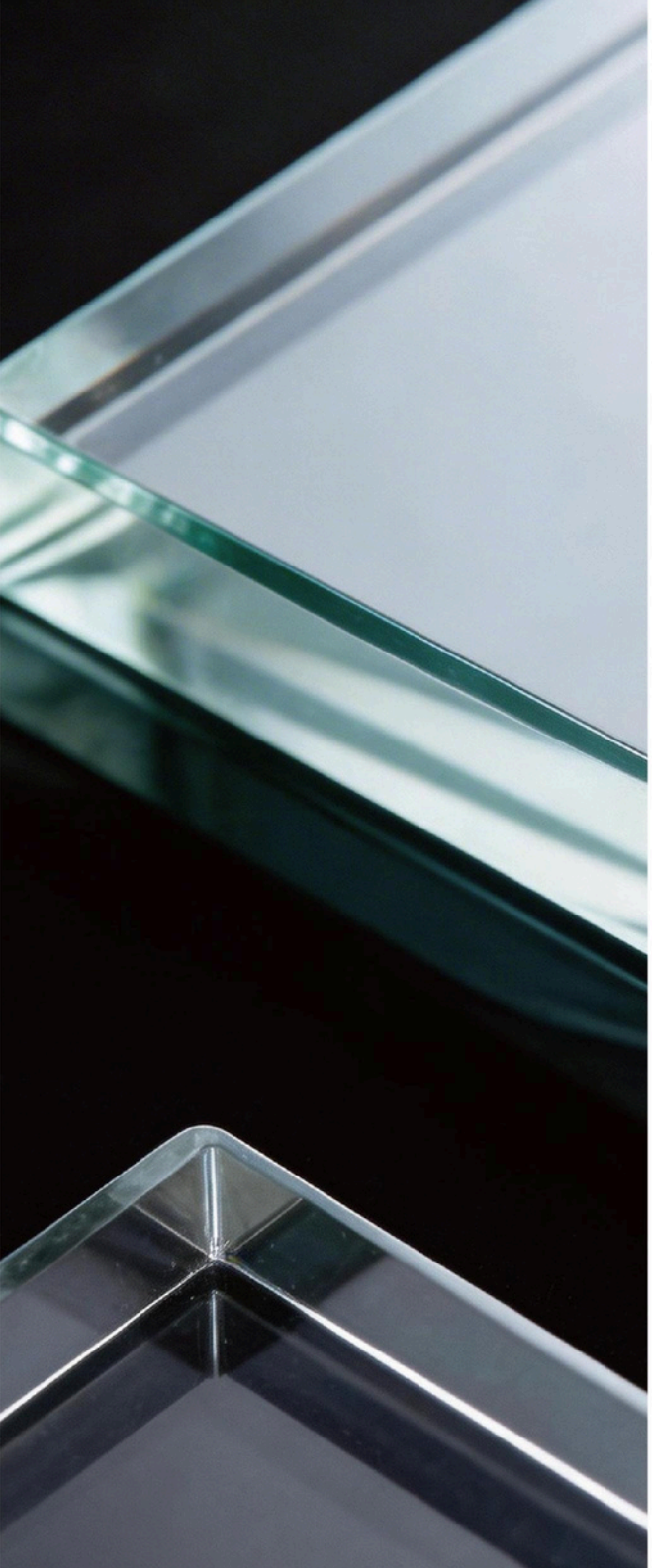
Optional Features

- Glazing
- Powder Coating Finishing
- Flyscreen
- Hardware Options

Project Support & Details

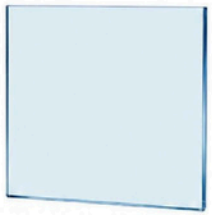
- Installation Details
- Project Workflow
- Project Applications

From system selection through to installation guidance, Sunny Windows & Doors provides a fully integrated approach to ensure every project is delivered smoothly, efficiently, and to specification.



GLAZING OPTIONS

- All glass used by Sunny Windows & Doors complies with Australian Standard AS1288.



Low-E Glass

Reduces heat transfer
Helps block UV rays
Improves comfort
Supports energy efficiency



Double Low-E Glass

Superior insulation
Better energy efficiency
Year-round comfort
Improved thermal performance



Laminated Glass

Improved safety
Noise reduction
UV protection
Versatile application



Fluted Glass

Textured visual effect
Allows natural light
Adds decorative detail
Enhances interiors



Obscured Glass

Enhanced privacy
Soft natural light
Comfortable interior feel
Ideal for private spaces



Superclear Glass

Crystal-clear appearance
High visual clarity
Clean modern finish
Premium look



Grey Glass

Modern appearance
Reduced visibility
Enhanced privacy
Refined visual effect



POWDER COATING FINISHING

Standard Colour

Standard powder coating colors include Black, Monument, and White.
Comes with a 10-year warranty as standard, with options to upgrade for enhanced weather resistance.



Black Satin I Interpon
GN150A



Monument Matt I Interpon
YL264A



Pearl White Gloss I Interpon
YA075A

Customized Colour

All powder coatings used by Sunny Windows & Doors are sourced from industry-leading brands, such as Dulux Powder Coatings—the largest supplier in Australia and New Zealand—and Interpon Powder Coatings, a global leader under AkzoNobel.

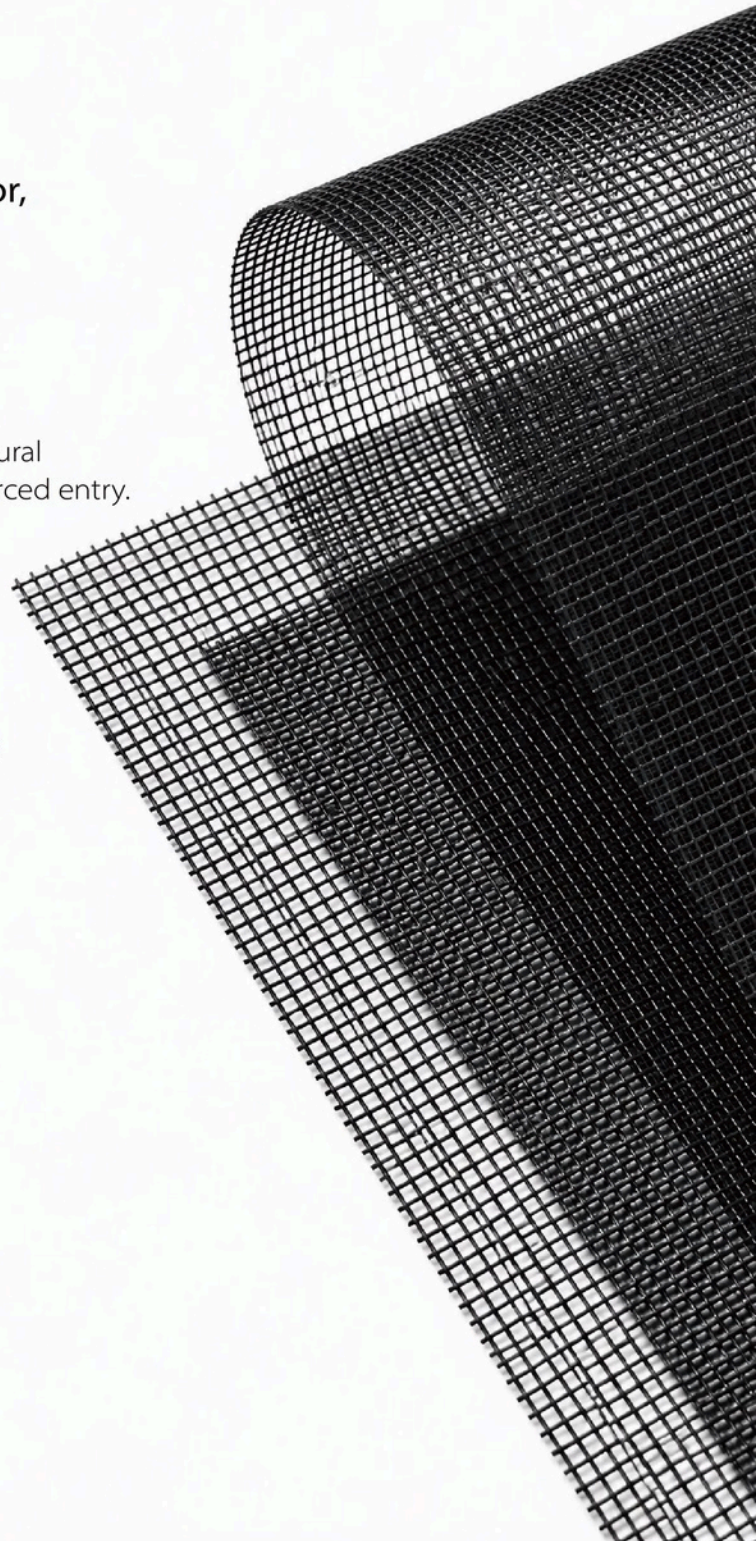




With extensive color options, advanced coating technology, and strict quality control, these suppliers ensure exceptional durability, color stability, and high-quality finishes for our profiles.

FLYSCREEN OPTIONS

Sunny Windows & Doors uses high-strength mesh in every window and door, providing reliable protection while keeping clear views and fresh airflow.



Key Features

- **See-Through Strength**
  Clear views with uncompromised security
- **Corrosion-Resistant**
  Resists corrosion in Australia's climate
- **Sleek Design**
  Strong, discreet, and stylish
- **Maximum Airflow**
  Keep insects out while letting fresh air in
- **Durable & Low Maintenance**
  Long-lasting and easy to maintain

Black Heavy Duty design ensures structural integrity, durability, and resistance to forced entry.

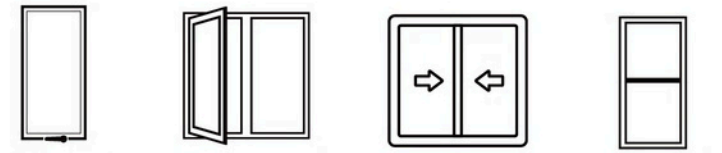


Black Heavy Duty

Black Stainless Steel Mesh

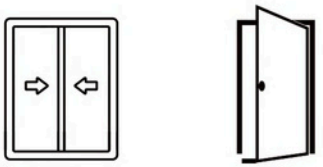
Applications

Windows



Awning | Casement | Sliding | Double-Hung

Doors



Sliding | Hinged



COMPATIBLE HARDWARE SOLUTIONS

- Reliable hardware solutions designed for smooth operation, durability and everyday performance.

Doric

LOCKWOOD ASSA ABLOY

ANTHONY INNOVATIONS

Sliding Window Hardware



Awning Window Hardware



Hinged Door Hardware



Sliding Door Hardware



Bi-fold Door Hardware



The hardware configurations shown are representative examples only and may be customised based on project requirements and system applications.

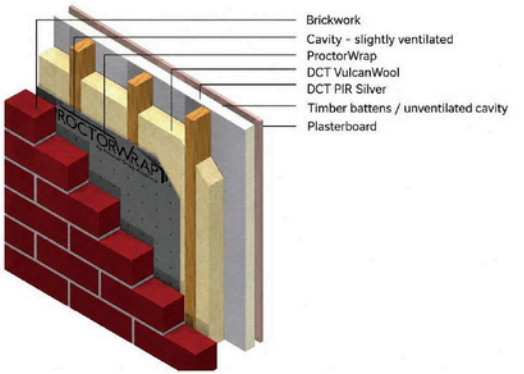
INSTALLATION DETAILS & WALL INTEGRATION

- Designed to suit common Australian wall construction methods and project requirements.

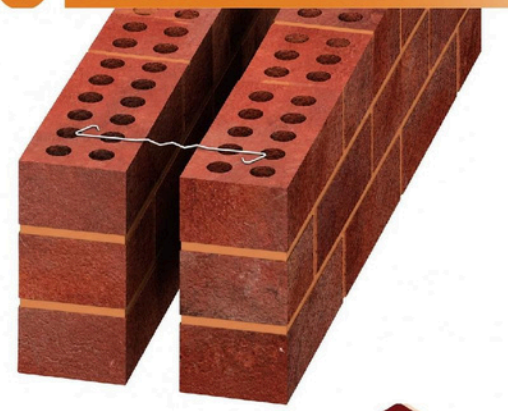
01 Brick Veneer

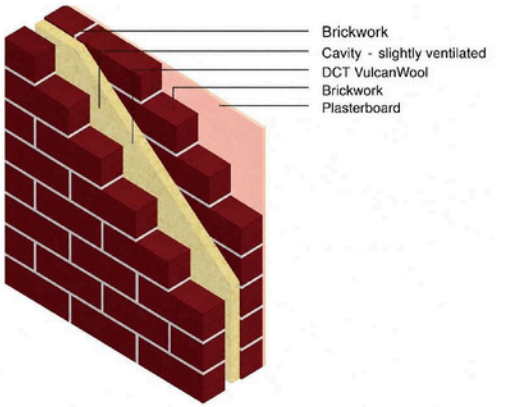


External brick veneer with internal timber framing



02 Double Brick





Double Brick Construction with Cavity

03 Cladding

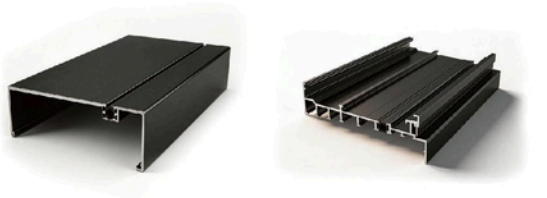


Timber/Steel Framed Cladding Construction



KEY INSTALLATION COMPONENTS

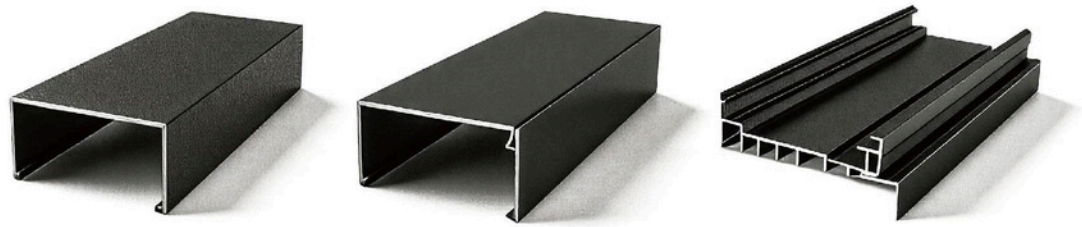
Thermally Broken Subhead / Subsill



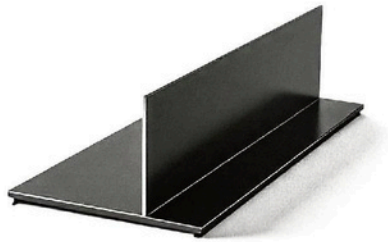
Timber reveal: 18mm



Non-Thermally Broken Subhead / Subsill



Integrated Fin

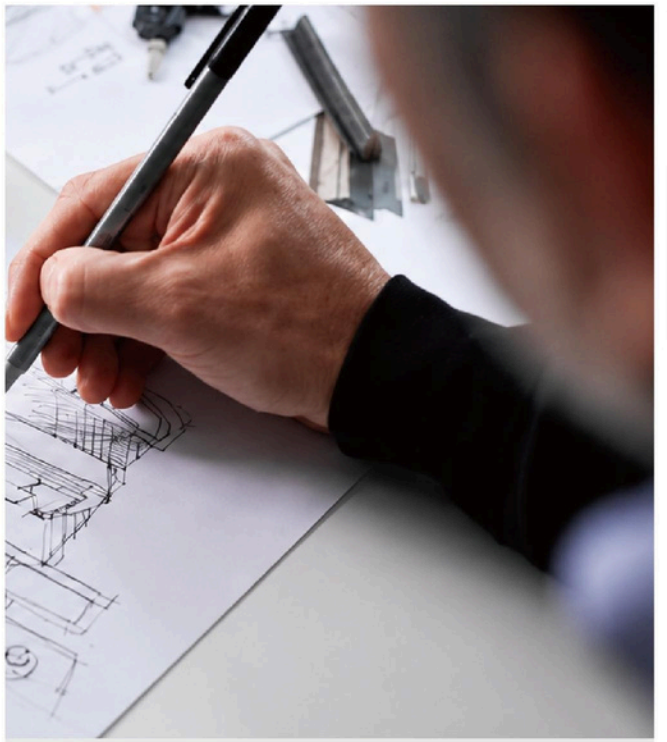


Aluminium Angle



PROJECT WORKFLOW

From drawings to delivery — supporting your project through every stage.



Step 1:

Inquiry & Drawing Submission

Builder provides project drawings, specifications, or project requirements for review.



Step 2:

Technical Review & Quotation

Our team reviews project requirements and prepares suitable system recommendations and quotations.

Step 3:

Shop Drawing Confirmation

Confirm dimensions, configurations, glass specifications, and technical details before production.





Step 4:

Production Scheduling

Production planning is arranged according to project schedules and delivery timelines.



Step 5:

Manufacturing & Quality Inspection

Products undergo manufacturing and quality control procedures to ensure consistency and reliability.



Step 6:

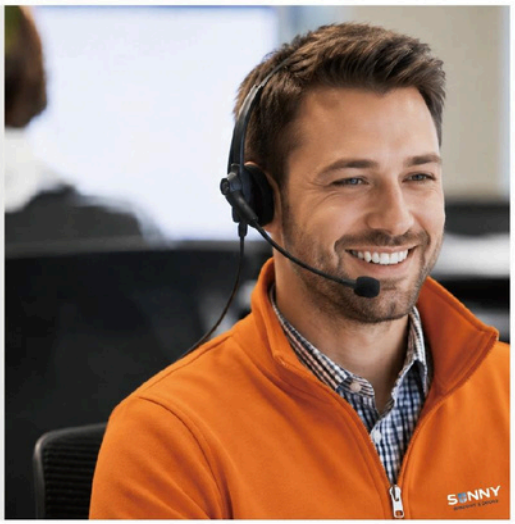
Packaging & Delivery

Products are packaged and coordinated for project delivery.

Step 7:

After-sales Technical Support

Ongoing technical support and project assistance when required.



Our team works closely with builders, developers, and project teams to ensure efficient communication, coordinated production, and reliable delivery.

PROJECT APPLICATIONS

Typical Applications Across Australian Building Projects.

























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