



RESIDENTIAL SERIES

Aluminium Windows and Doors

“REAL FLEXIBILITY **MAKES SYNERGY®** YOUR FIRST CHOICE”

For over 45 years, Trend has made quality aluminium windows and doors to match the sizes and styles of Australian homes.

Synergy gives builders the reliable range they want to meet design requirements and your personal preferences.

New homes maximise energy efficiency and comfort with thoughtful airflow, natural light and solar control.

With Synergy you can upgrade from single-glazed to energy saving Low E glass or double-glazing without going outside the range.

Synergy has the flexibility to make your home a nicer place to live.



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“Trend makes
it easy for you.
Visit one of our
showrooms, go online
trendwindows.com.au
or simply phone
13 72 74”

“DELIVERING SYNERGY QUALITY”



21ST CENTURY DESIGN & MANUFACTURE

What you see above is our state-of-the-art powder coating facility. It puts the finishing touch on all our products, including the 20 contemporary paint colours we offer in the Synergy range.

To achieve the smoothest finish on aluminium windows and doors, you need to spray vertically, not horizontally. Our new 'Cube' powder coating facility was imported from Italy and Switzerland and runs using Australian designed software.

It features a fast colour change powder booth with powder saving system, smart material pre-treatment tunnel construction and lower operational costs than traditional vertical powder coating lines. Water used is filtered and recycled to a purity level so high it is able to be returned to the groundwater system.

That's a win/win for Australia – and a great result for all Synergy windows and doors.



AUSTRALIAN MADE, TESTED AND PROVEN

Synergy windows and doors are made in Australia – in our manufacturing plants in NSW, Victoria, the ACT, Queensland and South Australia. For over 45 years, Trend's skilled workforce has used Australian manufactured aluminium and glass to craft our products.

Trend makes the largest range of windows and doors in Australia for all styles of homes. Synergy hardware is designed in Australia to match perfectly.

Every Synergy design is tested in our onsite testing facility for strength and durability plus wind and water resistance. All windows and doors in the Synergy range meet the Australian Standards AS2047 and AS1288 and Australian Window Association Certification.

Synergy windows and doors are made to meet the value, style and quality demands of the contemporary Australian home and lifestyle.

“Synergy windows and doors get their superior paint finish at our new vertical powder coating facility”

SYNERGY DOUBLE HUNG WINDOW

Open the top, the bottom or both sashes at once. Our beautifully practical, flexible style lets you adjust airflow to the season.

Features

- Slimline, strong, 64mm aluminium frame
- Two contemporary sash styles, Standard and Widestyle
- Both with black colour key lock standard for added security
- Widestyle double hung has a solid timber look and colonial horns are supplied as standard
- Widestyle double hung windows can be double glazed
- Glass can be upgraded to achieve higher levels of energy saving, comfort and safety
- Rates to BAL-29 (Bushfire Attack Level 29). See page 19

Options

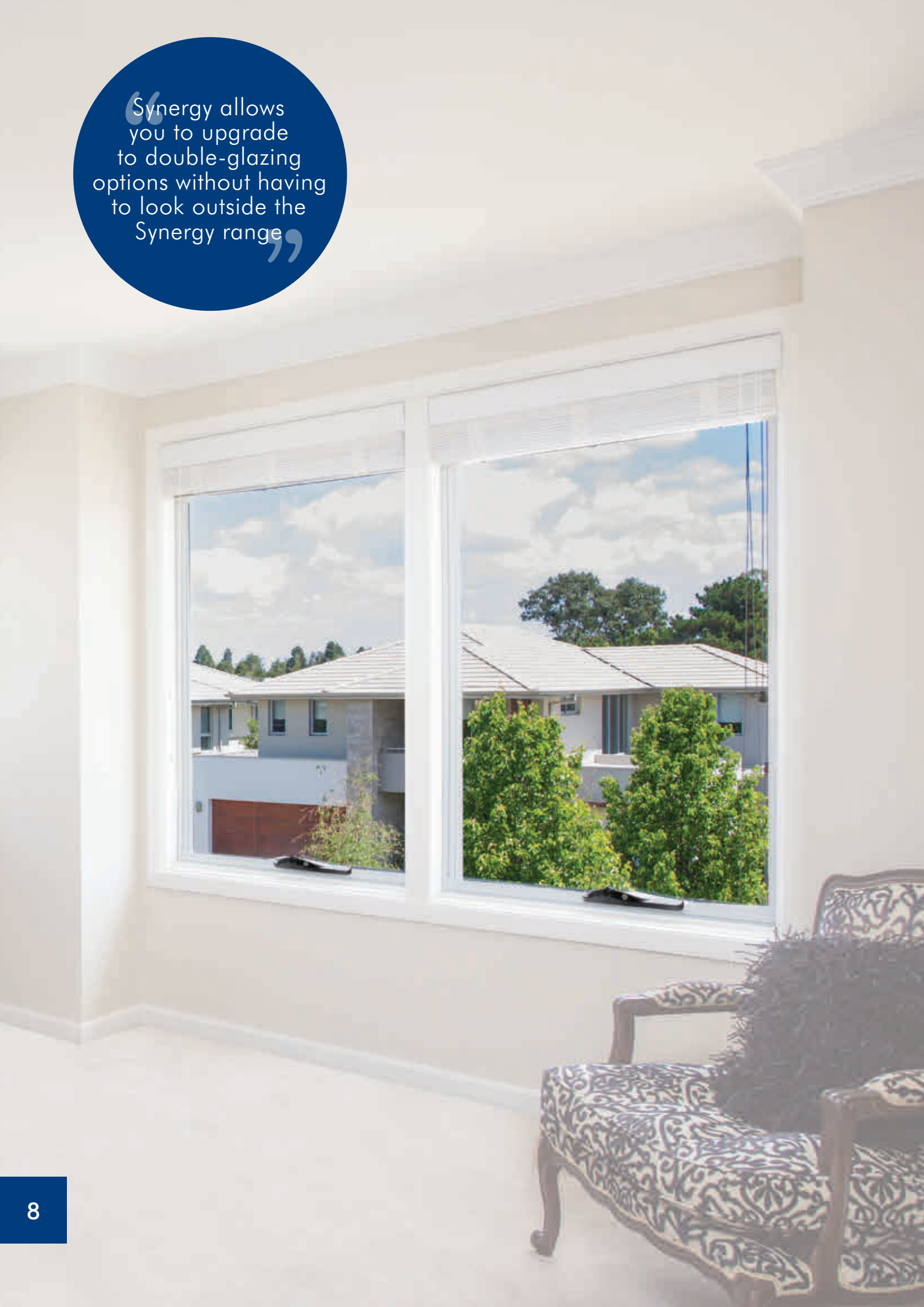
- Choice of 20 powder coated colours
- Can be custom made in a range of configurations and sizes
- For all standard sizes, see the Trend National Size Manual
- Trend Thermashield energy efficient solutions available. See page 20
- Trend SoundMizer acoustic solutions. See page 21
- Create colonial, federation and custom styles with ovolo glazing bar inserts – available for Widestyle
- Optional vent locks available for Widestyle
- Interlocking meeting rails for improved weather performance
- Weatherpile seals keep out dust and water
- Easy to fit / easy to remove flyscreens available
- Prowler Proof ForceField screens available. See page 23

Complementary accessories

- 180° non-load bearing couplers for added mullion strength when required
- 135° and 90° non-load bearing corner couplers for bay and kitchen windows
- Adjustable aluminium storm mould
- Aluminium 180° and 90° mullion covers to hide load bearing posts



“Synergy allows
you to upgrade
to double-glazing
options without having
to look outside the
Synergy range”



SYNERGY AWNING WINDOW

Contemporary design awning windows maximise space and light and open up your home to the easy living Australian way of life.

9

Features

- Slimline, strong, 48mm aluminium frame
- Key Lock Chain Winder mechanism designed specifically for high performance, security and reliability and stops the window slamming unexpectedly
- Stainless steel chain standard for long life and reliability.
- Window mechanism mounted securely to window with a 2-point fixing
- Black colour key lock standard for added security
- Weather protection:
 - Continuous hinge hood
 - Tubular splayed sash with self-draining trough
(Splayed sash not available on double-glazed windows)
- Sash Corner Protection. Bottom rail sash corners protected by custom nylon covers
- Xtreme rating up to to BAL-40 (Bushfire Attack Level 40) available. See page 19



Options

- Choice of 20 powder coated colours
- Can be custom made in a range of configurations and sizes
- Electric Chain Winder available for hard to reach highlight windows
- For all standard sizes, see the Trend National Size Manual
- Can be double-glazed for added energy saving insulation
- Trend Thermashield energy efficient solutions available. See page 20
- Trend SoundMizer acoustic solutions. See page 21
- Easy to fit tension loaded flyscreens that can be fitted and removed from the inside available
- Prowler Proof ForceField screens available. See page 23



Complementary accessories

- 180° non-load bearing couplers for added mullion strength when required
- 135° and 90° non-load bearing corner couplers for bay and kitchen windows
- Adjustable aluminium storm mould
- Aluminium 180° and 90° mullion covers to hide load bearing posts



Care should be taken with locating opening awning windows in pedestrian traffic areas



“Trend aluminium profiles are skilfully engineered so that each part of the finished frame strengthens the rest. That’s clever.”

SYNERGY SLIDING WINDOW

Capture the views or garden outlook by creating rooms that open up to embrace that special Australian indoor - outdoor lifestyle.

Features

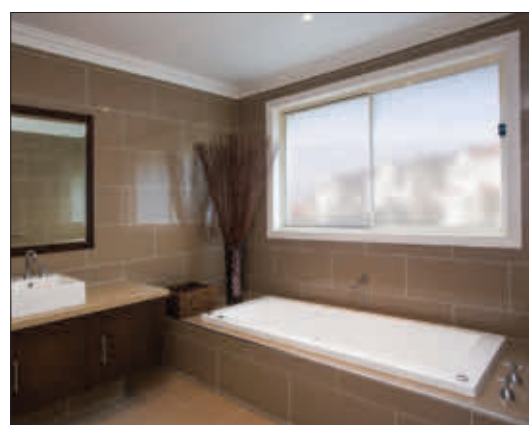
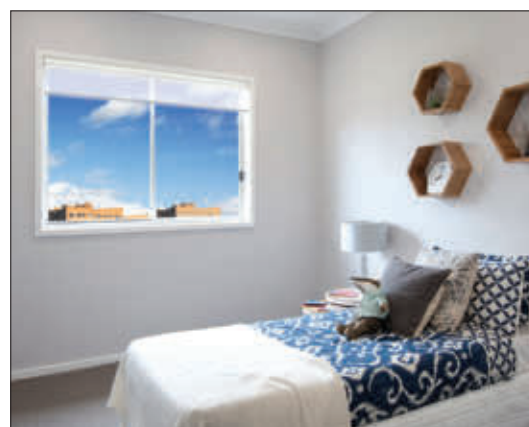
- Slimline, strong, 48mm aluminium frame
- Standard key lock cam handle or optional vent lock
- Black colour key lock standard for added security
- Removable fixed sash allows you to rehang onsite or take it offsite if in need of repair
- Full wraparound glazing channel protects the sash window. The window can be reglazed from inside the building
- External full width sill baffle protects the sliding window and reduces infiltration of dust and drafts
- Sash rollers are height adjustable and sashes glide effortlessly on graphite impregnated rollers
- Double bogey adjustable rollers for heavy or double-glazed sashes are also available
- Weathershield fin prevents metal to metal contact when operating sliding sashes, reducing air and dust penetration
- Xtreme rating up to BAL-40 (Bushfire Attack Level 40) available. See page 19

Options

- Choice of 20 powder coated colours
- Can be custom made in a range of configurations and sizes
- For all standard sizes, see the Trend National Size Manual
- Can be double-glazed for energy and acoustic efficiency
- Trend Thermashield energy efficient solutions available. See page 20
- Trend SoundMizer acoustic solutions. See page 21
- Optional ventilation key locks allow you to lock the windows partially open to catch cooling breezes
- Easy to fit flyscreens available
- Prowler Proof ForceField screens available. See page 23

Complementary accessories

- 180° non-load bearing couplers for added mullion strength
- 135° and 90° non-load bearing corner couplers for bay and kitchen windows
- Adjustable aluminium storm mould
- Aluminium 180° and 90° mullion covers to hide load bearing posts



“Manufactured
in Australia to
Australian standards,
you can be sure
Trend windows and
doors are right
for the job”



SYNERGY SLIDING DOOR

Stylish sliding walls of glass that add a bright, fresh dimension to your home and seamlessly blend indoor and outdoor living spaces.

Features

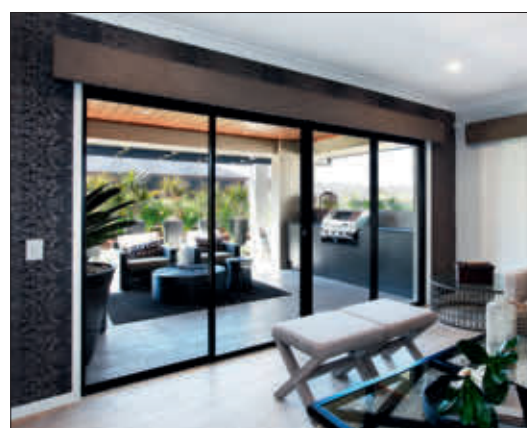
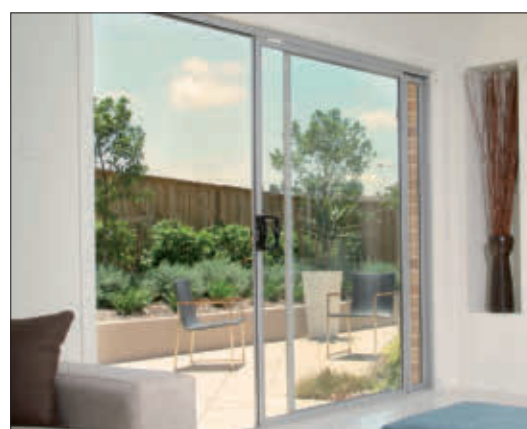
- Frame is 102mm wide
Maximum door height is 2400mm
Maximum panel width is 1500mm
Maximum door width is 6010mm
- Doors are fitted with adjustable acetyl wheel rollers with marine alloy aluminium carriage to reduce the chance of corrosion. Heavy duty double bogey rollers are supplied with double-glazed panels
- Extruded aluminium splayed threshold protects both glass door and flydoor rolling tracks
- Toughened Safety A Grade glass with a visual motif at mid-point provided. Glass sits into the extrusion door glazing pocket up to 11mm
- Wheelchair Access. Aluminium threshold features the Easyrider™ sill, which is ideal for wheelchair access
- Black colour slimline lock standard. Optional upgrade to D handle is available
- Rates to BAL-29 (Bushfire Attack Level 29). See page 19

Options

- Choice of 20 powder coated colours
- Can be custom made in a range of configurations and sizes
- For all standard sizes, see the Trend National Size Manual
- Three types of interlockers are available, depending on structural pascal ratings. The sliding door structural rating will meet up to N4 Design Performance
- An external extruded aluminium sliding screen door with spring loaded acetal wheels can be fitted. These ensure the screen door stays on the track and operates smoothly
- Trend Thermashield insulation solutions. See page 20
- Trend SoundMizer acoustic solutions. See page 21
- Can be double-glazed for energy efficiency
- Prowler Proof ForceField screens available. See page 23

Complementary accessories

- 180° non-load bearing couplers for added mullion strength when required
- 135° and 90° non-load bearing corner couplers for bay and kitchen windows
- Adjustable aluminium storm mould
- Aluminium 180° and 90° mullion covers to hide load bearing posts



“You can choose from 20 superb, smooth colour finishes thanks to our state-of-the-art powder coating facility”



SYNERGY STACKER DOOR

Contemporary, fine line doors that let you make the most of your home, by opening wide to combine indoor and outdoor living areas.

Features

- Frame is 162mm wide (including screen track)
Maximum door height is 2400mm
Maximum panel width is 1500mm
Maximum door width is 4500mm (3 lites)
Maximum door width is 6400mm (6 lites)
- Doors are fitted with adjustable acetyl wheel rollers with marine alloy aluminium carriage to reduce the chance of corrosion. Heavy duty double bogey rollers are supplied with double-glazed panels
- Extruded aluminium splayed threshold protects both glass door and flydoor rolling tracks
- Toughened Safety A Grade glass with a visual motif at mid-point provided. Glass sits into the extrusion door glazing pocket up to 11mm
- Wheelchair Access. Aluminium threshold features the Easyrider™ sill, which is ideal for wheelchair access
- Sliding doors are fitted with standard lock and can be upgraded. Rates to BAL-29 (Bushfire Attack Level 29). See page 19

Options

- Choice of 20 powder coated colours
- Can be custom made in a range of configurations and sizes
- For all standard sizes, see the Trend National Size Manual
- Three types of interlockers are available, depending on structural pascal ratings. The sliding door structural rating will meet up to N4 Design Performance
- An external extruded aluminium sliding screen door with spring loaded acetal wheels can be fitted. These ensure the screen door stays on the track and operates smoothly.
- Can be double-glazed for added energy saving insulation and efficiency
- Trend Thermashield insulation solutions. See page 20
- Trend SoundMizer acoustic solutions. See page 21
- Easy to fit flyscreens available
- Prowler Proof ForceField screens available. See page 23



QUALITY SYNERGY HARDWARE

WINDOW HARDWARE DESIGNS

DOUBLE HUNG

Gloss Black colour is standard.



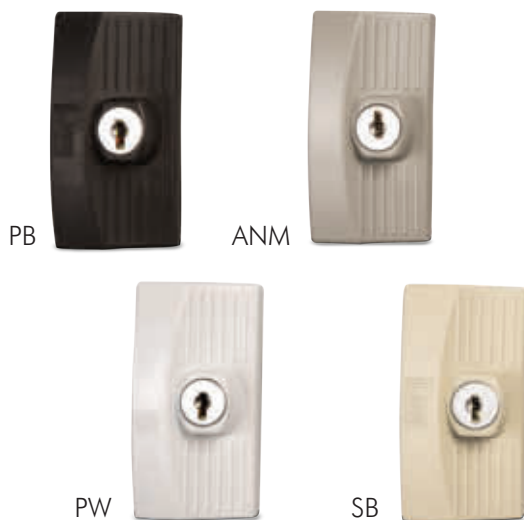
AWNING

Gloss Black colour is standard.



SLIDING

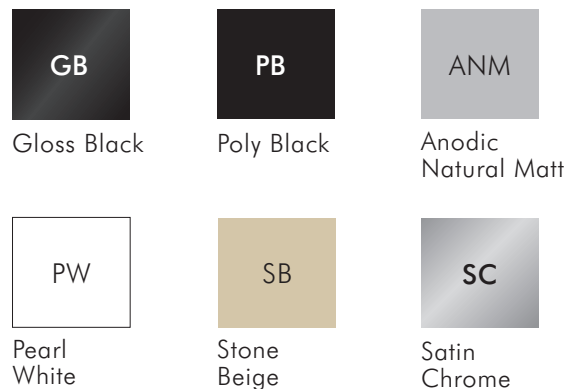
Poly Black colour is standard.



YOUR COLOUR OPTIONS

The powdercoat colours below have been matched as closely as possible at the time of printing and are a guide only.

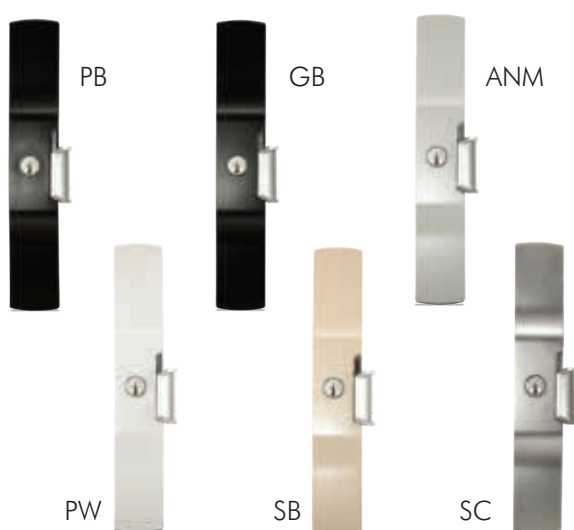
Hardware and products displayed in photography may vary from state to state.



DOOR HARDWARE DESIGNS

SLIDING SLIM HANDLE

Standard on sliding doors. Poly Black colour is standard.



SLIDING D HANDLE

Available on request. Poly Black colour is standard.



SLIDING DURA OPTION

Available on request. Gloss Black colour is standard.



LOCKS CAN BE KEYED ALIKE

Trend windows and doors can be keyed alike. All you need is one key for the awning, casement, double hung or sliding windows. Plus one key for all your doors. That makes life easy and more convenient.

SYNERGY **BAY** WINDOW

An individual touch that sets your house apart from the crowd and gives you a comfortable interior space to design as you want.



A bay window adds distinctive charm and character to bedrooms or living areas, by helping to make the most of the views or garden spaces.

Enjoy it as a sun filled reading nook in winter or a cool and shady relaxing space in summer.

With this in mind, you are free to design your bay window around any combination of windows in the Synergy range.

It's your home – let your imagination take over and we'll do the rest.



“Trend manufactures in Australia and uses advanced modern sealants to reduce draft and water infiltration”

TREND BUSHFIRE PROTECTION **XTREME**[®] SYSTEM

Because we understand the dangers of Australian bushfires, we developed the first window and door bushfire protection system rated to BAL-40.



Tested by the CSIRO to withstand temperatures up to 40kW/m² (BAL-40) of heat flux, the Trend Xtreme bushfire protection system is the one to protect against the extremes of nature we face year after year.

Many homes are destroyed in bushfires even after the initial fire has swept through and they appear to be safe. Embers and wind drawn debris must be sealed out of the buildings.

The Trend Xtreme range was developed right here in Australia and offers options for your windows from BAL-12.5 to BAL-40 for prevention of internal ignition of houses and possible loss of life and property.

Xtreme Bushfire Protection Windows and Doors are compliant to Section 8 Construction Service Bushfire Attack Level 40 (BAL-40), Radiant Heat Level 40kW/m², AS3959-2009 & AS1530.8.1.

BAL, or Bushfire Attack Level, is the bushfire intensity level that a home may experience during a bushfire, as defined by Australian Standards AS3959-2009. There are six levels, beginning at BAL-Low and reaching BAL-FZ (Flame Zone). BAL-40 is the extreme level immediately before BAL-FZ.

States and Territories have defined Bushfire Prone Areas and if you are building in these areas, your home must meet the specified minimum BAL rating for that area.

Xtreme Bushfire Protection Windows and Doors are also fully compliant to Australian Standards AS2047. For full details of Standards requirements for individual products please refer to Trend Windows & Doors Technical Department.

TREND CLIMATE CONTROL **THERMASHIELD®** SYSTEM

Choosing energy efficient windows enables you to save money on energy costs and better control the climate in your home.



Accredited by the AFRC (Australian Fenestration Rating Council) and rated by the Window Energy Rating Scheme (WERS), Trend Thermashield puts climate control in your hands.

The Trend Thermashield system makes it easy for you to evaluate the level of protection required for each window and door in your house.

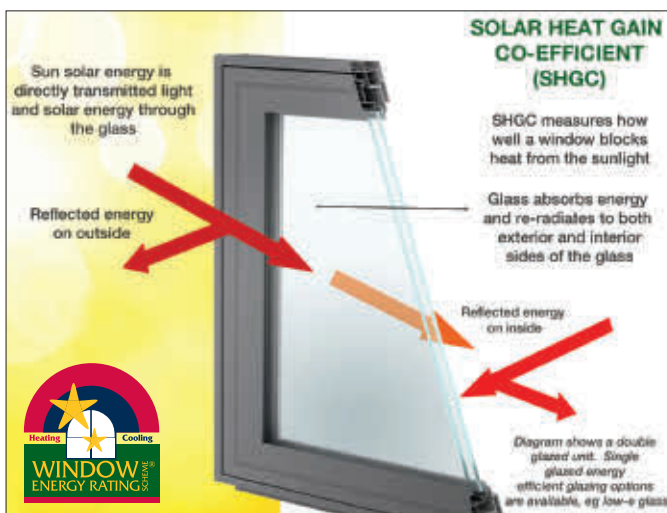
Under the Building Code of Australia, your assessor report allocates a U_w and $SHGC_w$ rating to all your windows and doors.

The U_w rating measures the rate of non-solar heat loss or gain through the window or door. The lower your U_w rating, the more effective they are at preventing heat transfer.

The $SHGC_w$ measures how well they block sunlight. Again, the lower the rating, the better they are at blocking the sun's heat.

Air infiltration is another factor in how well insulated your home can be. Trend windows and doors come with customised WERS ratings, based on our strong aluminium frames, high tech sealing systems and different glazing options.

The high performance Thermashield system makes buildings more energy efficient and more comfortable to live in. They also reduce peak heating and cooling loads and help you save on your energy costs.



TREND ACOUSTIC CONTROL SOUNDMIZER® SYSTEM

Whether you live on a busy road, close to a flight path or railway line, you can better control your sound environment and enjoy a quiet life.

How to cope with a noisy environment. There is noise in every home – music, television, the happy sounds of children playing.

But high decibel noise, whether constant or irregular is not just annoying, it can affect sleep patterns and health.

The SoundMizer acoustic system available in Trend windows and doors can be a major weapon in combatting extremes of noise. SoundMizer windows and doors are designed to minimise noise and isolate it to the outside of the home.

All SoundMizer windows and doors are tested by industry laboratories and adhere to current Australian standards. Solutions are available for high traffic areas including freeways, railway and airport surroundings.

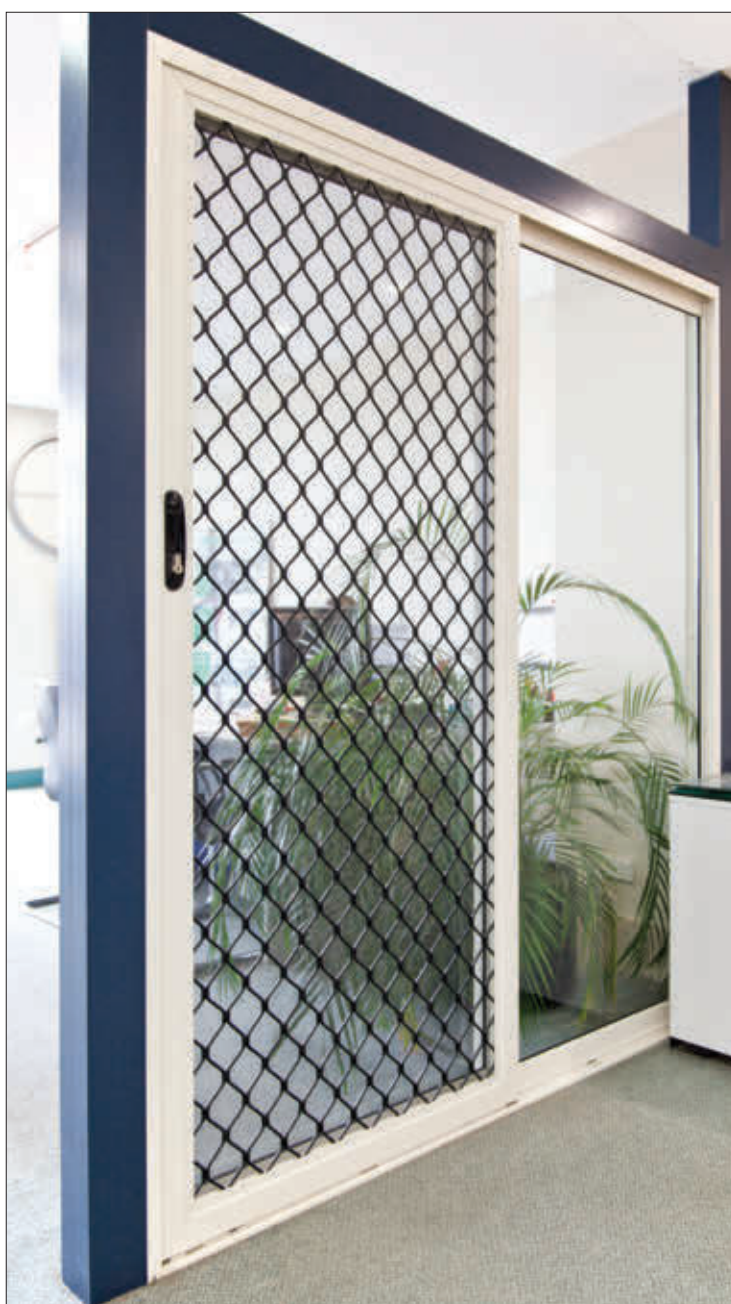
Acoustic solutions up to Rw46 can be achieved with single and secondary glazing elements for any noisy environment. Just ask the experts at Trend.



SoundMizer®

TREND® DIAMOND GRILLE SCREENS & DOORS

Affordable, quality screen protection for the Trend Synergy range of windows and doors.



Diamond Grille quality screens and doors are the cost effective barriers that help protect your home.

Choose easy-fit flyscreens to protect from annoying insect entry. Alternatively, to match your home security requirements, we offer our safety range.

Diamond Grille barrier screens and doors are a proven design. More than just solid protection, they provide a physical deterrent for intruders.

That's why Diamond Grille is such a popular choice when it comes to matching your quality Synergy windows and doors.

Diamond Grille flyscreens and doors

- Mesh is available in fibreglass, aluminium and stainless steel
- Black mesh colour
- Easy to fit
- Corrosion resistant
- Low maintenance

Diamond Grille safety screens and doors

- Mesh is available in fibreglass, aluminium and stainless steel
- The grilles have a standard 7mm wire strand thickness
- Single point lock
- Choice of 20 Trend powdercoat standard and designer colours available (black is standard)
- Optional one way mesh for added privacy is also available
- Corrosion resistant
- Low maintenance

PROWLER PROOF[®] FORCEFIELD[®] SCREENS & DOORS

A Prowler Proof Forcefield screen is a proven and tested match for all Trend windows and doors.

Welded not screwed. ForceField is welded instead of being held together by screws or rivets. A weld is stronger than any screw or rivet and it looks better too. With its seamless corners, ForceField is Australia's best looking security screen.

ForceField is custom made in a fully automated process and the quality is completely consistent. Prowler Proof ForceField security screens come with a 10 year replacement warranty.

Tested to extremes. Available as hinge doors, sliding doors and window screens, you are safe behind a ForceField security screen. It has passed every imaginable test and a few you would never imagine. In addition to The Australian Standards security tests, Prowler Proof ForceField security screens go through extreme cyclone, bushfire and corrosion tests.

- Maximum security
- Maximum transparency
- Trend Synergy windows and doors have been tested with Prowler Proof Forcefield products as complete systems to Australian Door Standard AS5039
- Welded – no screws or rivets
- Heavy duty aluminium frame
- 3 point lock
- Marine grade 316 stainless steel mesh
- Seamless corners
- Corrosion resistant
- Low maintenance
- 10 year replacement warranty



TREND® RANGES

TREND HAS THE WINDOWS AND DOORS YOU WANT

For over 45 years, Trend has manufactured quality windows and doors in Australia to suit our lifestyle and different environmental conditions.

We offer several different ranges in both aluminium and timber styles to suit the specifications and design demands of builders, architects and homeowners.

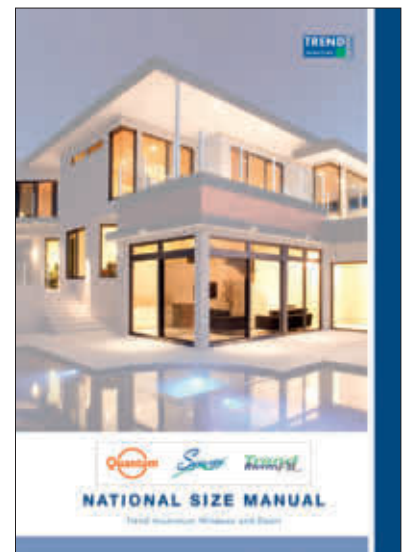
You can find individual brochures for all our product ranges at your nearest Trend showroom; a few are shown below. Or please download them from our website, trendwindows.com.au



QUANTUM
ARCHITECTURAL SERIES



SYNERGY
RESIDENTIAL SERIES



NATIONAL SIZE
MANUAL

IMAGE CREDITS

Cover: Beechwood Homes, NSW

Page 6: Beechwood Homes, NSW

Page 7: Beechwood Homes, NSW

Page 8: Roselea, NSW

Page 9: Roselea, NSW and Ausbuild, Qld

Page 10: Fowler Homes, NSW

Page 11: Beechwood, NSW, Fowler Homes, NSW and Young Homes NSW

Page 12: Ausbuild, Qld

Page 13: Stylemaster, Qld

Page 14: Stylemaster, Qld

Page 15: Stylemaster, Qld and Fowler Homes, NSW

Page 18: Mirvac, NSW

QUALITY & CRAFTSMANSHIP

TREND®

GUARANTEE

- a. The following statement only applies to a consumer sale of goods or services as defined in the Australian Consumer Law:
 - i. Our Goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the Goods repaired or replaced if the Goods fail to be of acceptable quality and the failure does not amount to a major failure.
- b. Trend guarantees the Goods supplied will be free against defects arising from faulty workmanship or materials for a period of seven (7) years (one (1) year for Goods considered by Trend as moving parts) from date of delivery and guarantees that services will be rendered with due care and skill. The guarantees are subject to the following conditions being complied with by the Customer:
 - i. The Goods are installed (where Goods are not installed by Trend) and maintained in accordance with the manufacturer's recommendations (refer to Trend's Installation Guide and Care and Maintenance Guide, available at www.trendwindows.com.au or from Trend's Sales offices) and has not been subject to misuse, abuse or neglect;
 - ii. Timber Goods are sealed (within one (1) month of delivery) with two coats of paint, varnish or sealer to both faces and edges including top and bottom. Exterior quality finishes in light reflective colours (NOT dark colours) must be applied to all Goods exposed to direct sunlight or the elements;
 - iii. All solid construction timber doors are hung with three (3) 100mm hinges;
 - iv. A warp in a door will not be considered a defect unless it exceeds 4mm for doors up to 2100mm high, 5mm for door heights between 2100mm and 2400mm and 6mm for door heights above 2400mm and 2700mm;
 - v. Aluminium product surfaces that have been treated with a powder coat finish provide a much higher resistance to scratching or scuffing and protect against normal weather conditions. However Trend does not warrant against fading or colour change due to normal weather conditions that will cause any coloured surface to fade or darken gradually.
- c. Notwithstanding clause (a), the liability of Trend in respect of a breach of a consumer guarantee or any warranty made under these Terms and Conditions for any Goods not of a kind ordinarily acquired for personal, domestic or household use is limited, to the extent permitted by law and at the option of Trend to:
 - i. in the case of supply of Goods;
 - A. replacing the Goods or the supply of equivalent Goods;
 - B. the repair of the Goods;
 - C. the payment of the cost of replacing the Goods or of acquiring equivalent Goods; or
 - D. the payment of the cost of having the Goods repaired.
 - ii. in the case of supply of Services;
 - A. the supplying of the Services again; or
 - B. the payment of the cost of having the Services supplied again.
- d. To the extent permitted by law, all other warranties whether implied or otherwise, not set out in these Terms and Conditions are excluded and Trend is not liable in contract, tort (including, without limitation, negligence or breach of statutory duty) or otherwise to compensate the Customer for:
 - i. any increased costs or expenses;
 - ii. any loss of profit, revenue, business, contracts or anticipated savings;
 - iii. any loss or expense resulting from a claim by a third party; or
 - iv. any special, indirect or consequential loss or damage of any nature whatsoever caused by Trend's failure to complete or delay in completing the order to deliver the Goods.
- e. To claim the warranty provided under this clause, the Customer must, within 7 days of identifying the defect in the Goods, provide written notice of the defect to the supplier from whom the Goods were purchased or to the nearest Trend location listed on the Trend website.
- f. Where Trend determines that the Customer is entitled to the warranty under this clause and the Goods have not been affixed to property to the extent that Trend cannot easily remove the Goods from the property, Trend agrees to bear the cost of claiming the warranty.
- g. The benefits provided to the Customer by the warranty are in addition to other rights and remedies available to the Customer under the law.

- Trend® Windows & Doors Pty Limited reserves the right to make changes to product(s) without notice.
- Hardware and products displayed in photography may vary from state to state due to supplier or availability.
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13 72 74 National Customer Assistance Centre

Monday-Friday 8:30am-4:30pm (EST)

trendwindows.com.au info@trendwindows.com.au

Products not available in Western Australia