# meranti range selector

trend® windows & doors





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Trend® National Customer Assistance Centre

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### Cover: BELLEMORE HOMES - VIC

Note: Size Range Sheets for individual product follow each section. All windows and doors are viewed from the outside. Hardware contained in photography may vary from State to State due to supplier, supplier's availability or maybe by special request. Trend® Windows & Doors Pty Ltd reserve the right to make changes to product(s) without notice.



### trend® windows & doors

Create a welcoming ambience and sense of style in your home with Trend® quality

Meranti windows and doors.

Choose from the largest, most comprehensive range in Australia with more design and performance features than ever before.

Trend® offers experience, quality and service that you can rely on.

Trend® understands that choosing the right windows and doors for your home is critical, so here are some pointers to assist you.

### Design and Style

Colour, style, size and shape of windows and doors enhance the charm and character of your home, both inside and out. Choosing classic timber can create exactly the look and feel you want for your home, with just the right amount of natural light.

#### Energy Efficiency

Enhancing the comfort of your home depends significantly on the amount of ventilation and insulation provided by your windows and doors. A cool breeze in summer is refreshing and staying warm in winter is essential. With Australia's diverse climate it is important to consider the best design options for your location and individual needs.

Trend® can offer advice on how to save money on energy costs by choosing the appropriate frame material, glass type and style for your particular climatic conditions.

#### Safety and Security

Your family needs to feel safe and secure, so it is essential to use locks and frames that will deter unwanted entry and select the right type of glass.

Trend® can assist you with these decisions as Trend® products

adhere to the highest standards of safety and security.

# Your Individual Needs You may have specific needs, such as arches, glazing bars, bay windows – or a specific

glass or hardware.

Trend® provides you with complete design flexibility.

#### Quality and Durability

Windows and doors should be strong and well made, providing you with many years of effortless performance. All Trend® windows and doors carry the Australian Window performance label.

Trend® will inspire you with the options available and provide you with the expertise to create a perfect environment in your home.



Our membership of the Australian Window Association is your guarantee of performance.





# trend® meranti

### Meranti Windows

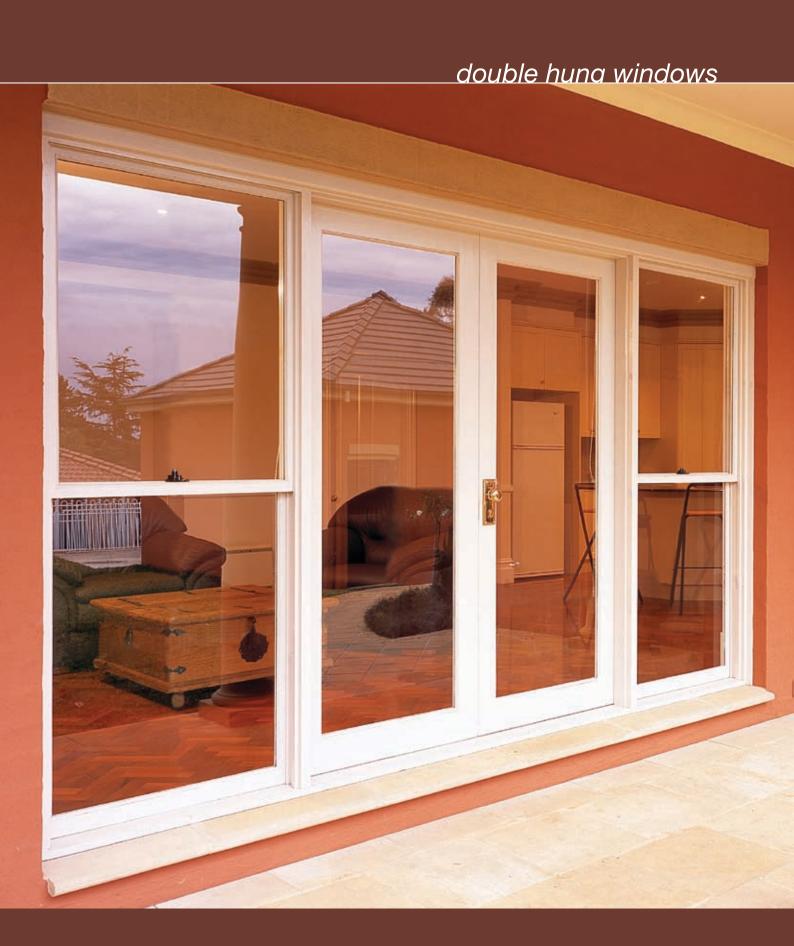
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# elegantly versatile

Create a sense of understated elegance and timeless beauty with Trend® double hung windows in Meranti. This versatile design can be used for either a traditional Australian look or a bold contemporary style – the choice is yours.

Clear finished natural Meranti timber will warm your home with its earthy tones. Or the frames can be painted to blend with your chosen colour scheme, either soft or bold.

Enjoy flexible air flow in most weather conditions by opening either top or bottom windows or both. No matter what material your home is constructed from – stucco, brick or weatherboard – Meranti double hung windows are perfect.

Trend® has improved on tradition by utilising long-lasting timber glazing beads in place of face putty, which deteriorates over time.

Enhancing Trend® Meranti double hung windows is easy. You can add classic round profile Ovolo colonial bars, or include horns on sashes. And you can install timber or aluminium insect screens for greater comfort and key locks for security.

Trend® Meranti double hung windows – epitomising grace and elegance.

- 1 Energy Efficiency Options Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 2.2 and SHGC 0.34 are available for Trend® Meranti Tilt Double Hung window.
- 2 Acoustic options
  SoundMizer® acoustic solutions in
  various STC ratings, are available to
  STC 31 for Trend® Meranti Tilt Double
  Hung window. SoundMizer® acoustic
  solutions can reduce aircraft, highway
  traffic, railway and other annoying
  noise problems. For information or
  technical details contact Trend®.
- 3 Locks and lifts Standard catch and lifts supplied with optional keyed locking latch available and upgradable lifts in gold if required.
- 4 Operation The sashes are spring hung on both operating sashes. Sashes can be removed via the "tilt" liners in the frame.

- 5 Glazing Trend® Meranti Tilt Double Hung sash frames are available in 16mm double glazing for energy efficiency applications.
- Sashes
  Trend® Meranti Tilt Double Hung Windows
  provide excellent ventilation and greater
  strength. The sash is available with
  optional Trend® "horns" if required.
- 7 Options
  - Optional Horns are available on sashes
  - Easy to fit flyscreens to match in aluminium or timber can be fitted and removed from the outside
  - Also available in Colonial, Federation and custom styles with Ovolo Bar Layout
  - Chair Rails and Raised Panels to lowlites available
  - Round heads or Arched Heads are available
  - Ovolo Profile is available

# ordering details

All windows are illustrated as viewed from outside. Codes shown are for plain windows. The first two numbers indicate approximate height. The last two numbers indicate approximate width.

For Colonial bar layout add CL at the end of the code. For Federation bar layout add FED at the end of the code. For Georgian bar layout add /GB to the end of the code.

MD indicates Meranti double hung.
T indicates a Transom.
/1 indicates single left hand opening.
/1R indicates right hand opening.
/2 indicates double opening.
/3 indicates triple opening.
For Horns on sashes replace MD with FD.
/CR indicates Chair Rail.



# double hung window range sheet

		, <sub>G</sub> 604	904	1204	1566	1763	2366	2622
	à	584	884	1184	1546	1743	2346	2602
Ś	in o.	584						
952	932	MTD0906/1	MTD0909/1	MTD0912/1	MTD0916/1	MTD0918/1	MTD0924/2	MTD0926/2
1037	1017	<u>*</u>	¥	<u> </u>	<u>*</u>	¥	<u> </u>	<u> </u>
		MTD1006/1	MTD1009/1	MTD1012/1	MTD1016/1	MTD1018/1	MTD1024/2	MTD1026/2
1207	1187	¥	*	<u> </u>	X	*	<u> </u>	¥
		MTD1206/1	MTD1209/1	MTD1212/1	MTD1216/1	MTD1218/1	MTD1224/2	MTD1226/2
1377	1357	¥	*	*	<u>*</u>	<u>*</u>	<del>- X</del>	<u> </u>
		MTD1406/1	MTD1409/1	MTD1412/1	MTD1416/1	MTD1418/1	MTD1424/2	MTD1426/2
1547	1527	× ×	×	X	¥	*	<u> </u>	¥
		MTD1506/1	MTD1509/1	MTD1512/1	MTD1516/1	MTD1518/1	MTD1524/2	MTD1526/2
1807	1787	*	¥	*	*	*	¥ ¥	<u> </u>
		MTD1806/1	MTD1809/1	MTD1812/1	MTD1816/1	MTD1818/1	MTD1824/2	MTD1826/2
2122	2102	¥ Å	<u> </u>	*	×	X	<u> </u>	*
		MTD2106/1	MTD2109/1	MTD2112/1	MTD2116/1	MTD2118/1	MTD2124/2	MTD2126/2





# ease and practicality

Meranti awning windows are a favourite for Australian homes. You can expect maximum light and ventilation in all weather conditions with this simple, clean design.

Clear finished natural Meranti timber will warm and add depth to a room, while painted frames will add colour, creating a bold contemporary look.

The variations are endless!

Practical as well as attractive, Trend®
Meranti awning windows will extend
the size of your room, frame a delightful
view and allow an abundance of
light to flood your home. You can
use coloured or textured glass for
privacy and a dramatic effect. The
slim frame construction offers a slick
feel, while the addition of the Ovolo

round sash profile creates a more classic look. Strong, durable chain winders ensure appropriate air flow and prevent windows slamming in gusty weather, while the hood provides protection from rain.

Key lockable winders are standard and accessorise with optional timber or aluminium insect screens or colonial bars.

Practical, attractive and contemporary, Meranti awning windows make living easy.

**Note:** Hardware contained in photography may vary from State to State due to supplier, supplier's availability or maybe by special request. Trend® Windows & Doors Pty Ltd reserve the right to make changes to product(s) without notice.

- 1 Energy Efficiency Options Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 1.9 and SHGC 0.36 are available for Trend® Meranti Awning window.
- 2 Acoustic options
  SoundMizer® acoustic solutions in
  various STC ratings, are available to
  STC 39 for Trend® Meranti Awning
  window. SoundMizer® acoustic
  solutions can reduce aircraft, highway
  traffic, railway and other annoying
  noise problems. For information or
  technical details contact Trend®.
- 3 Key Lock Chain Winder
  Trend® Meranti Awning Window winder
  mechanisim is designed specifically for
  high performance, security and reliability.
  With a Polesium™ cover and base and
  combined with stainless steel chains as
  standard. The Meranti winder can be
  used in even the harshest environment
  without worry of corrosion. The robust
  mechanisms are mounted securely to
  the window with a concealed 4 point

fixing. Keyed facility is standard for added security, while the handle of the winder conveniently folds away when not in use.

- 4 Frame Hood
  The sash is protected from the weather
  by a continuous head hood that
  protects the sash and keeps the rain
  where it belongs on the outside.
  - Frames
    Trend® Meranti sash frames
    has a truly solid look, extremely
    popular in both traditional and
    contemporary house designs.
- 6 Ovolo Bar layout Trend® Meranti frames can be made with Ovolo bars for that traditional Colonial or Federation look.
- Options
  Easy to fit tension loaded flyscreens can
  be fitted and removed from the inside.

#### NOTE:

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

# ordering details

All windows are illustrated as viewed from outside. Codes shown are for plain windows. The first two numbers indicate approximate height. The last two numbers indicate approximate width.

For Colonial bar layout place CL at the end of the code. For Federation bar layout place FED at the end of the code.

MA indicates Meranti Awning.
/1 indicates single left hand opening.
/1R indicates right hand opening.
/2 indicates double opening.
/3 indicates triple opening.



# awning window range sheet

		6	605	905	1205	1565	1765	2365	2627
	OPE	MINU	584	884	1184	1546	1746	2346	2608
Ś	JD III	MOON							
610	592	Author Maria	MA0606/1	MA0609/1	MA0612/1	MA0616/1	MA0618/1	MA0624/1	MA0626/1
950	932		MA0906/1	MA0909/1	MA0912/1	MA0916/1	MA0918/1	MA0924/1	MA0926/1
1035	1017		MA1006/1	MA1009/1	MA1012/1	MA1016/1	MA1018/1	MA1024/1	MA1026/1
1205	1187		MA1206/1	MA1209/1	MA1212/1	MA1216/1	MA1218/1	MA1224/1	MA1226/1
1375	1357		MA1406/1	MA1409/1	MA1412/1	MA1416/1	MA1418/1	MA1424/1	MA1426/1
1545	1527		MA1506/1	MA1509/1	MA1512/1	MA1516/1	MA1518/1	MA1524/1	MA1526/1
1805	1787	O D P F 600 + 1187 - 1	IVI	MA1809T/1	MA1812T/1	MA1816T/1	MA1818T/1	MA1824T/1	MA1826T/1
2120	2102	C O + 745 + 1357	IVI	MA2109T/1	MA2112T/1	MA2116T/1	MA2118T/1	MA2124T/1	MA2126T/1

# casement windows





# grace and romance

Yesteryear's romance and grace are beautifully captured in Trend's Meranti casement windows. The strong lines and traditional design create quite an impression, while their practicality and durability make casement windows a wise choice. By introducing a range of glazing and interior wood panelling you can also create an individual look for your room.

Specially designed insect screens are available in timber or powder coated aluminium, while a lever operated cam catch allows these windows to close firmly and securely. And you can gently adjust the angles of the Meranti timber sash to take advantage of the softest of breezes.

As a result of Trend's innovative casement and catch design, the outer side of these windows can easily be cleaned from the inside.

Colonial and Federation bars, decorative glass are available as options. Keyed locks are not available with casement windows.

Create an impression of yesteryear with Trend's Meranti casement windows.

- 1 Energy Efficiency Options Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 2.0 and SHGC 0.37 are available for Trend® Meranti Casement window.
- 2 Acoustic options
  SoundMizer® acoustic solutions in various STC ratings, are available to STC 39 for Trend® Meranti Casement window. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 3 Operator
  Trend Meranti® Casement Windows
  foldaway operator mechanisim is
  designed for ease of operation and folds
  neatly into the housing when not in use.
  The robust mechanisms are mounted
  securely to the window with concealed
  fixing. Operating handle is available
  in a variety of colours. Stainless steel
  arms are optional. Keyed Locks are not

available with Casement Windows.

4 Side Sash Latch
The unique side sash latch is concealed within the window frame in both open and closed position. Operation pulls in sash for a tighter seal against the weather and improved security. Side sash latch is available in a variety of colours. A dual operation side sash latch is applicable to oversize or

full height Casements Windows.

- Glazing
  All Trend® Casement Windows can
  be double glazed for energy efficient
  application. Toughened or laminated
  Grade A Safety Glass with a visual motif
  at the mid point is manditory to certain
  window sizes to comply with AS1288
  Australian Glazing Code (2006). Refer
  to Trend Sales Executive for details.
- Opening
  Casement allows a wider viewing
  area with excellent ventilation control.
  90° opening makes it easier for
  cleaning both sides of the sash.
- 7 Frames Trend® Meranti Casement Windows provide greater strength and security as well as excellent ventilation. The frame has aesthetically pleasing lines

and has a truly solid look. They are extremely popular in both traditional and contemporary house designs.

#### 8 Options

- Stainless steel hardware upgrade available.
- Easy to fit flyscreens to match can be fitted and removed from the inside.
- Also available in Colonial and Federation styles.

#### NOTE:

Window Placement Care should be taken with locating opening casement windows in pedestrian traffic areas.

# ordering details

All windows are illustrated as viewed from outside. Codes shown are for plain windows. The first two numbers indicate approximate height. The last two numbers indicate approximate width.

For Colonial bar layout place CL at the end of the code. For Federation bar layout place FED at the end of the code.

MC indicates Meranti Casement.
/1 indicates single left hand opening.
/1R indicates right hand opening.
/2 indicates double opening.
CR indicates Chair Rail.



# casement range sheet

	638	738	1235	1435	1830	1830
OPE	618	718	1215	1415	1810	1810
STUD OFFE	and a second					<b>├</b> 618 <b>-</b>
1207	MC1206/1	MC1207/1	MC1212/1	MC1214/1	MC1218/2	MC1218/1
1377	MC1406/1	MC1407/1	MC1412/1	MC1414/1	MC1418/2	MC1418/1
1547	MC1506/1	MC1507/1	MC1512/1	MC1514/1	MC1518/2	MC1518/1
1807	MC1806T/1	MC1807T/1	MC1812T/1	MC1814T/1	MC1818T/2	MC1818T/1
1807	MC1806/1	MC1807/1	MC1812/1	MC1814/1	MC1818/2	MC1818/1
2122	H 1357 H					
2122	MC2106T/1	MC2107T/1	MC2112T/1	MC2114T/1	MC2118T/2	MC2118T/1

- 1 Energy Efficiency Options Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 2.0 and SHGC 0.37 are available for Trend® Meranti Casement window.
- 2 Acoustic options
  SoundMizer® acoustic solutions in various STC ratings, are available to STC 39 for Trend® Meranti Casement window. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 3 Operator
  Trend Meranti® Casement Windows
  foldaway operator mechanisim is
  designed for ease of operation and folds
  neatly into the housing when not in use.
  The robust mechanisms are mounted
  securely to the window with concealed
  fixing. Operating handle is available
  in a variety of colours. Stainless steel
  arms are optional. Keyed Locks are not

available with Casement Windows.

4 Side Sash Latch
The unique side sash latch is concealed within the window frame in both open and closed position. Operation pulls in sash for a tighter seal against the weather and improved security. Side sash latch is available in a variety of colours. A dual operation side sash latch is applicable to oversize or

full height Casements Windows.

- Glazing
  All Trend® Casement Windows can
  be double glazed for energy efficient
  application. Toughened or laminated
  Grade A Safety Glass with a visual motif
  at the mid point is manditory to certain
  window sizes to comply with AS1288
  Australian Glazing Code (2006). Refer
  to Trend Sales Executive for details.
- Opening
  Casement allows a wider viewing
  area with excellent ventilation control.
  90° opening makes it easier for
  cleaning both sides of the sash.
- 7 Frames Trend® Meranti Casement Windows provide greater strength and security as well as excellent ventilation. The frame has aesthetically pleasing lines

and has a truly solid look. They are extremely popular in both traditional and contemporary house designs.

#### 8 Options

- Stainless steel hardware upgrade available.
- Easy to fit flyscreens to match can be fitted and removed from the inside.
- Also available in Colonial and Federation styles.

#### NOTE:

Window Placement Care should be taken with locating opening casement windows in pedestrian traffic areas.

# ordering details

All windows are illustrated as viewed from outside. Codes shown are for plain windows. The first two numbers indicate approximate height. The last two numbers indicate approximate width.

For Colonial bar layout place CL at the end of the code. For Federation bar layout place FED at the end of the code.

MC indicates Meranti Casement.
/1 indicates single left hand opening.
/1R indicates right hand opening.
/2 indicates double opening.
CR indicates Chair Rail.



# casement range sheet

		2130	2130	2426	2826
	CEMING	2110	2110	2406	2806
S	TO OPERING	<b>⊢</b> 718 <b>⊣</b>	<b>├</b> -718 <b>-</b>	<b>├</b> -618 <b>-</b>	<b>├</b> -718 <b>-</b>
1207	1187	MC1221/2	MC1221/1	MC1224/2	MC1228/2
1377	1357	MC1421/2	MC1421/1	MC1424/2	MC1428/2
1547	1527	MC1521/2	MC1521/1	MC1524/2	MC1528/2
1807	1787	MC1821T/2	MC1821T/1	MC1824T/2	MC1828T/2
1807	1787	MC1821/2	MC1821/1	MC1824/2	MC1828/2
2122	2102		MODICATIO	MONITO	MOMORYO
2122	2102	MC2121T/2  MC2121/2	MC2121T/1  MC2121/1	MC2124T/2  MC2124/2	MC2128T/2  MC2128/2

bifold windows





# expansive living

Fold back your Meranti bifold windows to bring the outside in and to maximise your living and entertainment areas. These attractive windows will allow an abundance of natural light and fresh air to drift through your home.

To take full advantage of your surroundings have Trend® custom design your bifold windows to your individual specifications and taste.

All Trend® bifold windows come with Centor Stainless Steel Architectural Eclipse e2 Plus hardware as well as integrated insect screen as standard. Eclipse hardware is designed and tested for years of trouble-free operation and allows for open-out windows and doors. Drop bolts come in satin chrome.

Maximise space, air and light with Trend® Meranti bifold windows.

- 1 Energy Efficiency Options
  Trend® Thermashield® in various
  glazing styles are available to help
  reduce energy consumption. Trend®
  Thermashield® means greater control,
  bigger savings and most importantly
  one less thing to worry about. Energy
  efficient options are available from Trend®.
  Contact Trend® for more information.
- 2 Acoustic options SoundMizer® acoustic solutions in various STC ratings, are available from Trend®. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- Locks and Hardware
   Centor stainless steel architectural
   Eclipse hardware is provided as standard.
   Drop bolts available in satin chrome.
- 4 Safety Glazing Toughened Safety A Grade Glass is optional as is laminated glass. Double Glazing is available for energy efficiency requirements.

- 5 Sill A Hardwood sill is provided as standard. This can be varied according to requirements
- 6 Insect Screen
  A built in roll down insect screen is provided as standard. This screen is built into the head of the unit and is integral to the frame.
  - Frames
    The weight of the bifold window must be considered in the structural beam calculation of the overall structure. The bifold window and frame are not structural elements and the head of the frame should be attached to the structural beam.

Maximum Frame Height is 1527mm Maximum Window Width is 2517mm Maximum Window Leaf Size is 610mm Maximum Weight in one direction is 20kg

#### NOTE:

Available open out only.



# meranti bifold windows

		,s	Minimum	Maximum			
		HEIGH	Width	Width	Leaf Directions	Leaf#	Window Code
ŧ	RAME	Integral	575	1291		2L 2R	MBW2L MBW2R
592 to 1527			848	1894		3L 3R	MBW3L MBW3R
592 t			1100	2497		4L 4R	MBW4L MBW4R
			1080	2517		2L 2R	MBW2L2R





# old world charm

More than just windows, Trend® bay windows epitomise style, charm and character. They expand your room while maintaining intimacy and warmth, add light and air, and capture the view.

The look and feel of Meranti highlights the charm of a traditional bay window.

Add character and beauty to your room with Trend® bay windows.

The illustration is a representative range of bay windows. Bays can be manufactured to all standard heights and widths. Standard bay windows are supplied factory assembled, complete with internal and external lining beads. Other options include Keyed locked catches, aluminium or timber flyscreens, chair rails, round or arched timber heads, custom built frames to your design.

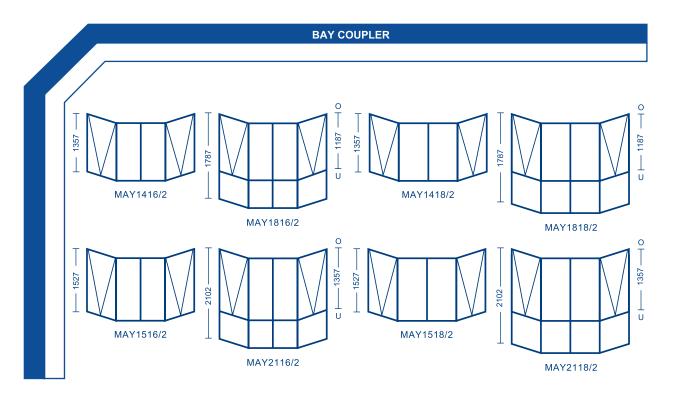
# ordering details

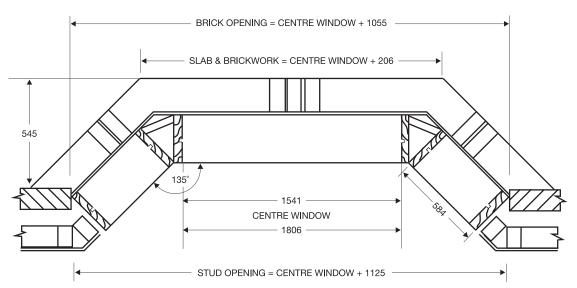
All windows are illustrated as viewed from outside. Codes shown are for plain windows. The first two numbers indicate approximate height. The last two numbers indicate approximate width.

For Colonial bar layout place CL at the end of the code. For Federation bar layout place FED at the end of the code. MAY indicates Meranti Awning Bay. /2 indicates two openings.



# bay windows





hinged doors





# light & space

Create a spacious look in your home with Trend® hinged timber and glass doors.

From front door to back, traditional timber frames combined with a variety of glass options work wonders in opening up and enhancing the beauty of your home. Rooms look bigger, light floods in, and through clever combinations of fixed glass panels and door frames you can totally change the ambience of your home.

Flood your rooms with light with Trend® hinged doors.

*Note:* Hardware contained in photography may vary from State to State due to supplier, supplier's availability or maybe by special request. Trend® Windows & Doors Pty Ltd reserve the right to make changes to product(s) without notice.

- 1 Energy Efficiency Options Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options are available for Trend® Meranti Hinged Door.
- 2 Acoustic options SoundMizer® acoustic solutions in various STC ratings, are available for Trend® Meranti Hinged Door. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 3 Hardware All doors are supplied loose. All locks and hinging hardware by owner/builder.

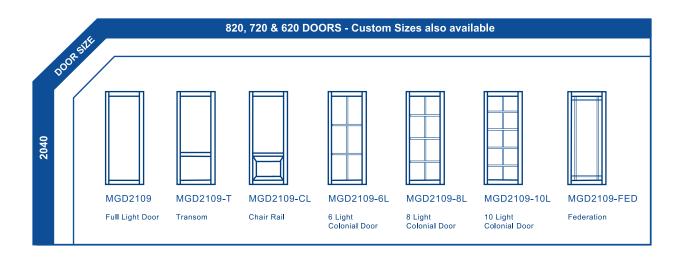
- 4 Safety Glazing Toughened Safety A Grade Glass with a visual motif at the mid point to provide added safety. Double Glazing is available for energy efficiency requirements.
- 5 Stiles Doors are manufactured from engineered and/or veneered and solid stiles.
- 6 Options
  - Also available in Colonial, Federation and custom styles with Ovolo Bar layouts
  - Ovolo Profile is available

#### NOTE:

All Hinged Doors are 38mm Open In unless specifically requested to be Open Out.



# hinged door range sheet



<sup>\*\*</sup> All hinged doors are **open in** unless specifically requested to be open out.

sliding doors





# space and light

Create a breathtaking effect with
Trend® Meranti sliding doors in
Federation, Traditional or Contemporary
styles. Trend® sliding doors create
a sense of space and allow
maximum light into your home.

These doors are fitted with durable nylon rollers that glide smoothly on extruded aluminium tracks. The top rail of the door has a U-shaped guide to provide protection from the weather. Further protection from wind, rain and dust is provided by draught strips. These lock together when closed for additional security.

Colonial or Federation bars, decorative glass and curved top rails can be added to individualise the look. Other options include energy efficient solutions, deadlocks, timber screen doors or powder-coated aluminium safety or non-safety doors.

Your home will look and feel bigger and brighter with Trend® Meranti sliding doors.

- 1 Energy Efficiency Options
  Trend® Thermashield® in various glazing
  styles are available to help reduce energy
  consumption. Trend® Thermashield®
  means greater control, bigger savings
  and most importantly one less thing to
  worry about. Energy efficient options
  to u-value of 1.9 and SHGC 0.37 are
  available for Trend® Meranti Sliding Door.
- 2 Acoustic options
  SoundMizer® acoustic solutions in various
  STC ratings, are available to STC 35
  for Trend® Sliding Door. SoundMizer®
  acoustic solutions can reduce aircraft,
  highway traffic, railway and other
  annoying noise problems. For information
  or technical details contact Trend®.
- 3 Locks Sliding doors can be fitted with an optional double cylinder deadlock.
- 4 Safety Glazing Toughened Safety A Grade Glass with a visual motif at the mid point to provide added safety. Laminated Glass is used in all non standard door sizes.

Double Glazing is available for energy efficiency requirements.

- 5 Heavy Duty Rollers Trend® Meranti Sliding Door is fitted with heavy duty, nylon roller system that glide on aluminium tracks for smooth operation.
- 6 Frames Trend® Meranti Door frame is 140mm deep, door stiles and bottom rail 90mm.

Maximum Door Height is 2402mm. Maximum Door Width is 4742mm (up to 4 panel door)

- 7 Interlockers Protection from wind, rain and dust is provided by weather seals fitted to the door stile and mullion.
- 8 Options
  Colonial Bar, Federation Bar Layouts
  and Ovolo profiles are available.

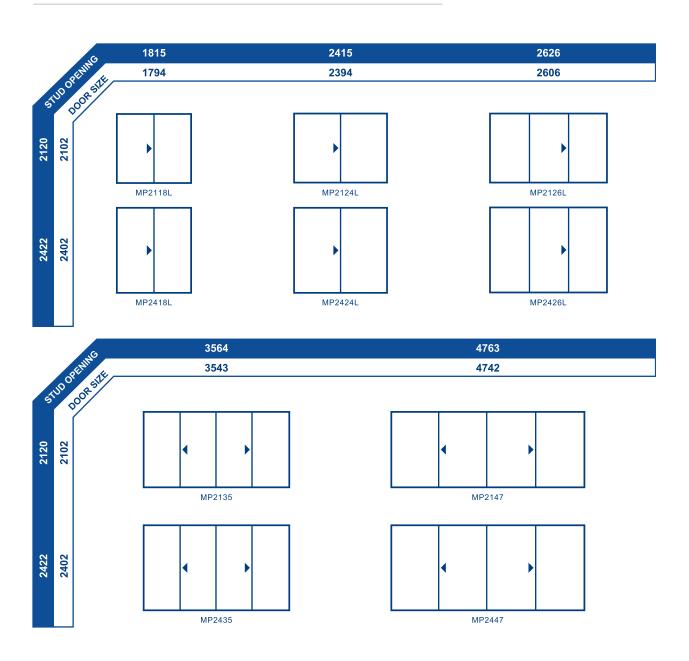
# ordering details

All windows are illustrated as viewed from outside. The first two numbers indicate approximate height. The last two numbers indicate approximate width.

The letters at the end of the code indicate type of unit and handing of the door, eg MP2118L is Meranti Patio sliding door - 2100mm x 1800mm with opening on the left hand side. L indicates door opening on the left hand side. R indicates door opening on right hand side. CR indicates chair rail. CL indicates colonial bars.



# sliding door range sheet



alfresco sliding stacker doors





# contemporary styling

The modern fine-line styling of Trend® stacker doors complements contemporary living perfectly.

Trend® stacker doors slide open to provide a wide two-thirds opening for easy access to your patio, courtyard, sundeck or garden. In fact, Trend® stacker doors extend your indoor and outdoor living areas.

The ease of bold minimal lines with Trend® stacker doors.

## features & benefits

- 1 Energy Efficiency Options Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 1.9 and SHGC 0.37 are available for Trend® Meranti Sliding Stacker Door.
- 2 Acoustic options SoundMizer® acoustic solutions in various STC ratings, are available to STC 35 for Trend® Sliding Stacker Door. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 3 Locks Sliding doors can be fitted with an optional double cylinder deadlock.
- 4 Safety Glazing Toughened Safety A Grade Glass with a visual motif at the mid point to provide added safety. Laminated Glass is used in all non standard door sizes.

Double Glazing is available for energy efficiency requirements.

- 5 Heavy Duty Rollers Trend® Meranti Sliding Stacker Door is fitted with heavy duty, nylon roller system that glide on aluminium tracks for smooth operation.
- 6 Frames Trend® Meranti Door frame is 140mm deep, door stiles and bottom rail 90mm.

Maximum Door Height is 2402mm. Maximum Door Width is 4742mm (up to 4 panel door)

- 7 Interlockers Protection from wind, rain and dust is provided by weather seals fitted to the door stile and mullion.
- 8 Options Colonial Bar, Federation Bar Layouts and Ovolo profiles are available.

# ordering details

All windows are illustrated as viewed from outside. The first two numbers indicate approximate height. The last two numbers indicate approximate width.

The letters at the end of the code indicate type of unit and handing of the door, eg MPXXF2127, Meranti/Slider/Slider/Fixed - 2100mm x 2700mm.

L indicates door opening on the left hand side. R indicates door opening on right hand side.

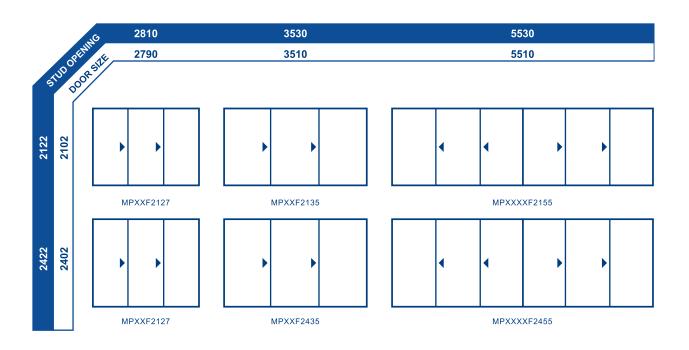
CR indicates chair rail.
CL indicates colonial bars
For Federation bay layout place FED at the end
of the code.
For Georgian Bar place /GB at end of code.
MSP indicates Meranti Sliding Door.
Insect screens are also available

#### NOTE:

Trend® does not supply locking hardware on screen doors



# alfresco sliding stacker doors



# bifold doors





# expansive living

Fold back your Meranti bifold doors to bring the outside in and to maximise your living and entertainment areas. These attractive doors will allow an abundance of natural light and fresh air to drift through your home.

To take full advantage of your surroundings have Trend® custom design your bifold doors to your individual specifications and taste.

All Trend® bifold doors come with Centor Stainless Steel Architectural Eclipse e2 Plus hardware as standard. Eclipse hardware is designed and tested for years of trouble-free operation and allows for open-out windows and doors. Drop bolts come in satin chrome.

Maximise space, air and light with Trend® Meranti bifold doors.

## features & benefits

- 1 Energy Efficiency Options Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options are available from Trend®. Contact Trend® for more information.
- 2 Acoustic options SoundMizer® acoustic solutions in various STC ratings, are available from Trend®. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 3 Locks and Hardware Centor stainless steel architectural Eclipse e2 Plus hardware is provided as standard. Drop bolts available in satin chrome. Entry hardware is by owner/builder.

- 4 Safety Glazing Toughened Safety A Grade Glass with a visual motif at the mid point to provide added safety. Double Glazing is available for energy efficiency requirements.
- 5 Frames

The weight of the bifold doors must be considered in the structural beam calculation of the overall structure. The bifold door and frame are not structural elements and the head of the frame should be attached to the structural beam.

Maximum Frame Height is 2445mm Maximum Door Width is 5018mm Maximum Door Leaf Size is 870mm Maximum Weight in one direction is 180kg

## special notes

The weight of the bifold doors must be considered in the structural beam calculation of the overall structure. The bifold door and frame are not structural elements and the head of the frame should be attached to the structural beam.

Entrance/Passage locks are not supplied, these are to be supplied by the client.

Hinges and drop bolts are supplied in satin finish. Maximum width is 5018mm.

**NOTE:** All bifold doors come with a clear anodised aluminium sill. Flydoors are not available to bifold doors. Available open out only.

\*\* Due to the Centor Hardware\*\*
Bifolds with an even number of leafs, running in one or both direction(s) can be opened from the inside only.

The prefered method is: An odd number of doors are used, in which all can stack up against one side only. Alternatively:

If two way access is required on a regular basis, please ensure that either an odd number of doors (1 or 3) travel in one direction and the balance of doors in the other.

Please note:

There is no fix for this problem, so careful consideration must occur prior to ordering.



# bifold door systems

	itich	Frame Width	Door Leaf	Leaf Directions	Door Code	Leaf#
FRAME	Maximum 1770mm	1310 1510 1710	620 720 820		MBF2L620 MBF2L720 MBF2L820 MBF2R620 MBF2R720 MBF2R820	2 Left 2 Right
	Maximum 2624mm	1934 2234 2534	620 720 820		MBF3L620 MBF3L720 MBF3L820 MBF3R620 MBF3R720 MBF3L1R620 MBF2L1R620 MBF2L1R820 MBF1L2R620 MBF1L2R620 MBF1L2R720 MBF1L2R820	3 Left 3 Right 2 Left 1 Right 1 Left 2 Right
2145 of 2445	Maximum 3478mm	2558 62 2958 72 3358 82			MBF4L620 MBF4L720 MBF4L820 MBF4R620 MBF4R720 MBF3L1R720 MBF3L1R720 MBF3L1R820 MBF1L3R620 MBF1L3R620 MBF1L3R820 MBF1L2R720 MBF1L2R820 MBF2L2R720 MBF2L2R720	4 Left 4 Right 3 Left 1 Right 1 Left 3 Right 2 Left 2 Right
	Maximum 4332mm	3182 3682 4182	620 720 820		MBF5L620 MBF5L720 MBF5L720 MBF5R620 MBF5R720 MBF5R820 MBF4L1R620 MBF4L1R720 MBF4L1R820 MBF1L4R620 MBF1L4R720 MBF1L4R720 MBF1L4R720 MBF3L2R720 MBF3L2R820 MBF3L2R820 MBF2L3R620 MBF2L3R620 MBF2L3R620 MBF2L3R620	5 Left 5 Right 4 Left 1 Right 1 Left 4 Right 3 Left 2 Right 2 Left 3 Right

## features & benefits

- 1 Energy Efficiency Options
  Trend® Thermashield® in various
  glazing styles are available to help
  reduce energy consumption. Trend®
  Thermashield® means greater control,
  bigger savings and most importantly
  one less thing to worry about. Energy
  efficient options are available from Trend®.
  Contact Trend® for more information.
- 2 Acoustic options SoundMizer® acoustic solutions in various STC ratings, are available from Trend®. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 3 Locks and Hardware Centor stainless steel architectural Eclipse e2 Plus hardware is provided as standard. Drop bolts available in satin chrome. Entry hardware is by owner/builder.

- 4 Safety Glazing Toughened Safety A Grade Glass with a visual motif at the mid point to provide added safety. Double Glazing is available for energy efficiency requirements.
- 5 Frames

The weight of the bifold doors must be considered in the structural beam calculation of the overall structure. The bifold door and frame are not structural elements and the head of the frame should be attached to the structural beam.

Maximum Frame Height is 2445mm Maximum Door Width is 5018mm Maximum Door Leaf Size is 870mm Maximum Weight in one direction is 180kg

## special notes

The weight of the bifold doors must be considered in the structural beam calculation of the overall structure. The bifold door and frame are not structural elements and the head of the frame should be attached to the structural beam.

Entrance/Passage locks are not supplied, these are to be supplied by the client.

Hinges and drop bolts are supplied in satin finish. Maximum width is 5018mm.

**NOTE:** All bifold doors come with a clear anodised aluminium sill. Flydoors are not available to bifold doors. Available open out only.

\*\* Due to the Centor Hardware\*\*
Bifolds with an even number of leafs, running in one or both direction(s) can be opened from the inside only.

The prefered method is: An odd number of doors are used, in which all can stack up against one side only. Alternatively:

If two way access is required on a regular basis, please ensure that either an odd number of doors (1 or 3) travel in one direction and the balance of doors in the other.

Please note:

There is no fix for this problem, so careful consideration must occur prior to ordering.



# bifold door systems

.,(	lich	Frame Width	Door Leaf	Leaf Directions	Door Code	Leaf#
RAMERE					MBF6L620 MBF6L720 MBF6L820 MBF6R620 MBF6R720 MBF6R820	6 Left 6 Right
	Maximum 5186mm	3806 4406 5006	620 720 820		MBF4L2R620 MBF4L2R720 MBF4L2R820 MBF2L4R620 MBF2L4R720 MBF2L4R820 MBF3L3R620	4 Left 2 Right 2 Left 4 Right 3 Left 3 Right 5 Left 1 Right 1 Left 5 Right
					MBF3L3R720 MBF3L3R820 MBF5L1R620 MBF5L1R720 MBF5L1R820 MBF1L5R620	
					MBF1L5R720 MBF1L5R820 MBF7L620 MBF7L720 MBF7L820 MBF7R620 MBF7R720 MBF7R820	7 Left 7 Right
	Maximum 6040mm	4430 5130 5830	620 720 820		MBF6L1R620 MBF6L1R720 MBF6L1R820 MBF1L6R620 MBF1L6R720 MBF1L6R820 MBF5L2R620	6 Left 1 Right 1 Left 6 Right 5 Left 2 Right 2 Left 5 Right 4 Left 3 Right 3 Left 4 Right
					MBF5L2R720 MBF5L2R820 MBF2L5R820 MBF2L5R720 MBF2L5R820 MBF4L3R620 MBF4L3R720	
					MBF4L3R820 MBF3L4R620 MBF3L4R720 MBF3L4R820	





# what an entrance!

Trend® entry doors make the right first impressions when entering your home. Your front door can make a strong statement about your sense of style and be so much more than just a point of entry.

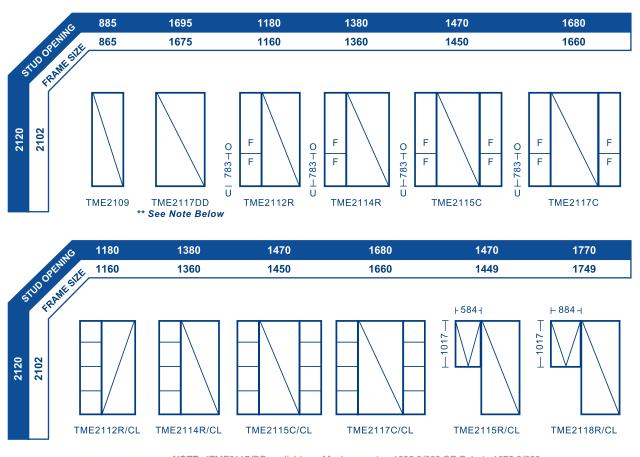
Make the right first impression with Trend®.

## features & benefits

- 1 Energy Efficiency Options Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options are available for Trend® Meranti Entry Frame. This will depend on the door that is used within the frame.
- 2 Acoustic options SoundMizer® acoustic solutions are available for Trend® Meranti Entry Frame. This will depend on the door that is used within the frame. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- B Hardware
  Door Panel are not hung and are
  provided loose for owner/builder
  fit out. Entry and hinging hardware
  is by owner/builder fit out.
- 4 Options Easy to fit insect screen doors to match timber can be fitted. Trend® can provide these if required.



# entry frame range sheet



NOTE: \*TME2117/DD avaliable as Mushroom stop 1695 2/820 OR Rebate 1675 2/820

louvres





## fashionable resurgence

Trend® Louvres have attracted a new generation of admirers who are using them in inspiring and innovative ways to give a fashionable boost to their living areas. Versatility, practicality and affordability make them a very attractive choice.

Trend® Louvres allow you to control air flow, sunlight and to exclude rain. The glass, metal or timber blades are secured with a unique patented polypropylene clip, which will not corrode. The clip is designed with a shroud that overlaps the clip below,

ensuring a truly effective weather-tight seal. Weatherproofing is enhanced by the use of head and sill weather strips.

Trend® Louvres can be installed as a single frame or in combination with hinged doors, fixed or sliding windows.

A new generation of style with Trend® Louvres.

## features & benefits

- 1 Energy Efficiency Options Trend® Thermashield® in various glazing styles are available to help reduce energy consumption with Trend® louvre glass options. Energy efficient options are available for Trend® Meranti Louvre window.
- 2 Acoustic options SoundMizer® acoustic solutions in various STC ratings, are available for Trend® Meranti Louvre window. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 3 Handles
  Ergonomic curved handle is standard and is available in 25 different colours.
  Optional "O" ring handle is available for high up, out of reach applications.
  Low profile handle for door insertion applications is also available as an option, as is Handle Locking Bar for easier opening for ergonomic situations, ie retirement homes. Handles can be placed left or right, up high, or down low.
- 4 Security Keyed lock is available as an option for applications where security is paramount, as is Security Bars to fit standard blade widths.

5 Glazing

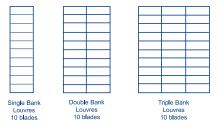
Louvre Blades are available in 102mm height, 6mm toughened glass for strength and safety. Blades are available in aluminium or high performance extended warranty powder coated aluminium including photoimage look. Trend® Meranti Louvre window is the tightest sealing louvre on the market as well as the highest performing. Use of laminated glass is not recommended.

#### 6 Frames

Trend® Meranti Louvre Windows provide excellent ventilation and greater strength. The frame is 140mm wide. The galleries can be used to divide internal spaces or be used for privacy screens and to maximise ventilation.

#### 7 Options

- Timber and Aluminium Blades
- Frosted, etched or tinted toughened glass
- "O" Ring Handle for high applications, Low Profile Handle
- Keyed Locks
- Insect Screens



Note: Louvre blades are available in Western Red Cedar, Aluminium or Toughened Glass



## louvre windows

		Single Bank	Single Bank	Double Bank	Double Bank	Double Bank	Triple Bank	Triple Bank
	# of	584	884	1184	1546	1746	1746	2608
Window	blades			WINDOW CODE				
592	5 + packer	ML0506/102	ML0508/102	ML0512/102	ML0515/102	ML0517/102	ML0517/102	ML0526/102
932	9 + packer	ML0906/102	ML0908/102	ML0912/102	ML0915/102	ML0917/102	ML0917/102	ML0926/102
1017	10 + packer	ML1006/102	ML1008/102	ML1012/102	ML1015/102	ML1017/102	ML1017/102	ML1026/102
1187	12 Full	ML1206/102	ML1208/102	ML1212/102	ML1215/102	ML1217/102	ML1217/102	ML1226/102
1357	13 + packer	ML1306/102	ML1308/102	ML1312/102	ML1315/102	ML1317/102	ML1317/102	ML1326/102
1527	15 + packer	ML1506/102	ML1508/102	ML1512/102	ML1515/102	ML1517/102	ML1517/102	ML1526/102
1787	18 + packer	ML1806/102	ML1808/102	ML1812/102	ML1815/102	ML1817/102	ML1817/102	ML1826/102
2102	22 + packer	ML2206/102	ML2208/102	ML2212/102	ML2215/102	ML2217/102	ML2217/102	ML2226/102
2402	25 + packer	ML2506/102	ML2508/102	ML2512/102	ML2515/102	ML2517/102	ML2517/102	ML2526/102

# special products

You may find yourself struggling with windows to fit that odd angle or tricky corner, or requiring a specific style, shape or size.

Trend® has the solution for you.

Simply contact your Trend® Windows Sales Office for expert advice.





Trend® Horn





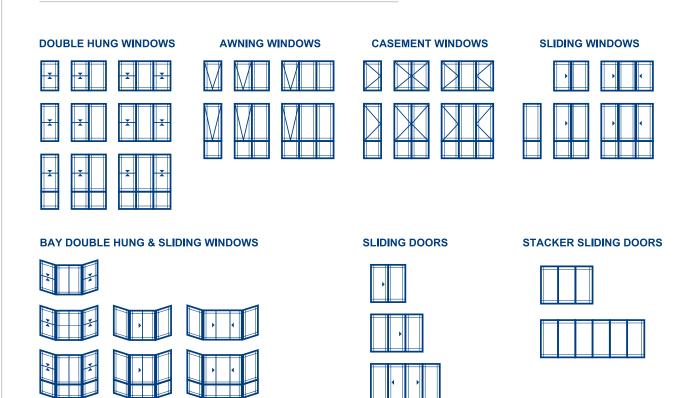
Lambs longue Hor





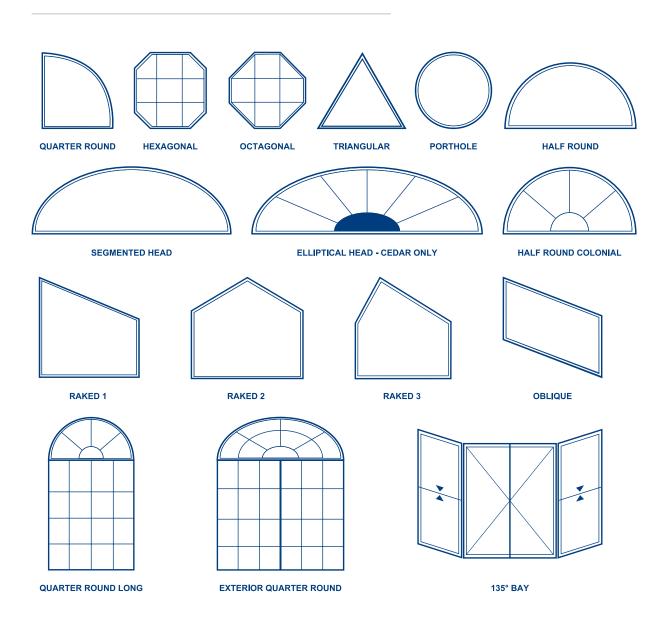
Optional Timber Ovolo Glazing Bar

# federation bar layouts





## customised windows



thermashield®



# double glazing

All Trend® Windows & Doors products in the Thermashield® range are rated to WERS (Windows Energy Rating Scheme) which is approved by The AFRC (Australian Fenestration Rating Council) the only recognised body in Australia for energy rating windows and doors.

The NFRC (National Fenestration Rating Council) also recognises the above ratings when determining energy requirements.

## putting climate control together ...

The only thing predictable about the weather is that it can and will exert an impact on your comfort and lifestyle.

When it comes to battling the heat and cold, energy efficient double glazing and low-e glass can offer significant savings by reducing expensive energy bills. When it comes to reducing carbon footprints and helping create a better environment, you cannot go past Trend® Windows & Doors Thermashield®.

Windows and doors which utilise the technologically advanced properties of the Thermashield® system offer a much more precise way to

shield yourself and others from weather extremes.

Thermashield® also makes it easy for you to evaluate the level of protection you require for each specific window and door, and to choose accordingly. In turn, this translates into cost savings by reducing heating and cooling bills.

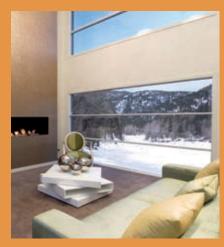
All Trend® Windows & Doors products in the Thermashield® range are rated to WERS (Windows Energy Rating Scheme) which is approved by The AFRC (Australian Fenestration Rating Council) the only recognised body in Australia for energy rating windows and doors.

The NFRC (National Fenestration Rating Council) also recognises the above ratings when determining energy requirements.

Thermashield® means greater control, bigger savings and, most importantly, one less thing to worry about.

Thermashield® putting CLIMATE CONTROL together

Find out more today.









## climate control starts at home

To get the best energy savings and the most comfort, different windows and doors are required for different climates.

For simplicity's sake, these are: Cold climates, where the largest energy load is in heating the home. Melbourne, Hobart, Tamworth and Canberra are typical cold climates.

Hot climates, where the largest energy load is in cooling the home. Brisbane, Cairns and Darwin are typical hot climates.

Mixed climates, where the energy load is similar for heating and cooling. Sydney, Adelaide and Perth are typical mixed climates.

In order to make the best choice of window or door for your home, you also need to weigh up factors like u-Value and SHGC. Air Infiltration is also important to think about when considering windows and doors, as

this is a major source of heat gain and loss. The lower the u-Value, the more effective it is at preventing heat transfer (in or out) of a window. The u-Value is a measure of the rate of non-solar heat loss or gain through any given product.

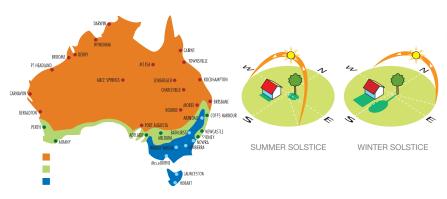
To prevent heat gain, the lower a window's Solar Heat Gain Coefficient (SHGC), the less heat enters a home from solar radiation. The SHGC is a number between 0 and 1 which represents the fraction of solar radiation admitted through a window, including what is absorbed and subsequently released inward.

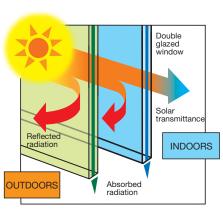
Sunlight can fade and degrade many organic materials, like carpet, fabrics, paper, artwork, paints and wood. The main offender is ultraviolet radiation, which is the most energy intensive and thus most likely to break chemical bonds. Window and glass selection can influence the type and intensity of transmitted radiation.

With Trend® Thermashield®, in cold climate areas it is now possible to have lower heat loss, less air leakage, and warmer window surfaces that improve comfort and minimise condensation. u-Values that are lower (around 1.5-2.3) provide excellent performance.

Homes that require significant heating with older style (single-glazed) windows are a major source of unwanted heat loss, discomfort, and condensation problems. They feel colder because more heat is radiated from a person's body to the glass, which is at a much lower temperature. Cold glass also creates uncomfortable drafts, as air next to the window is cooled and drops to the floor.

With Trend® Thermashield®, in hot climate areas you can significantly reduce solar heat gain and improve comfort while retaining clear views and daylight.







When strong direct sunlight strikes interior surfaces, it creates overheating and discomfort. Windows with low solar heat gain low-e glass (spectrally selective) can reduce this effect, while still providing light and view. Shading of windows is also very effective. Trend® Thermashield® window cooling options are recommended here. In these areas the lower the SHGC (Around 0.5 or lower) the better protection from solar radiation heating the home.

In most climates, savings can be improved even further by substituting glass with a near-invisible low emissivity (or 'low-e') coating. However, while a low-e coating on simple single glazing reduces that part of the heat transfer, it does nothing to reduce conductive and convective heat flow. A much better solution is to reduce all three forms of heat transfer. To do this, you need an insulating glass unit (IGU or double-glazing).

The most common filling gas between the panes of an IGU is dry air. The narrowest air gap used is 6mm, but

wider gaps (10-20mm) will improve the performance. For even greater performance, the IGU should have a low-e coating on at least one pane and argon gas fill between the panes. Correct installation around windows and doors will also improve comfort by reducing cold air leakage.

High-performance windows systems like Trend® Thermashield® make homes more comfortable, reduce annual energy bills, and lessen peak heating and cooling loads. This means you can use a smaller heating or cooling system. It's also much easier on the environment. Trend® Thermashield® frames with low thermal conductivity and low air infiltration complemented by energy efficient glass balances the entire window system.

Trend® Thermashield® means greater control, bigger savings and, most importantly, one less thing to worry about.







# protection from extremes

### COLD CLIMATE

In climates where the largest energy load is in heating the home, the following Thermashield® window options are recommended.

We have listed your options broadly from 2 to  $7\frac{1}{2}$  stars (the stars to the far left of the table). The more stars, the more protection from the cold.

THERMASHIELD HEATING SYSTEM									
STAR RATING	PRODUCT	ID CODE NUMBER	Glazing	U Value	SHGC	HEATING % IMPROVEMENT	COOLING % IMPROVEMENT		
**	Trend Aluminium Sliding Door	TND-017-03	5mm Gry	6.4	0.54	8	30		
	Quantum Sliding Door	TND-017-03	5mm Gry	6.4	0.54	8	30		
	Trend Aluminium Sliding Window	TND-001-11	12.38mm Lam	6.3	0.57	10	28		
***	Quantum Sliding Door	TND-017-05	6.38mm Lam	6.3	0.7	17	15		
	Xtreme Bifold Door	TND-022-01	5mm Clr Toughen	6.0	0.59	17	28		
	Trend Aluminium Double Hung Window	TND-020-01	3mm Clr	6.3	0.75	18	10		
***	Trend Aluminium Sliding Window	TND-001-08	6.38mm CP	4.7	0.44	25	46		
	Trend Aluminium Hinged Door	TND-021-06	6.38mm CP Gry	4.5	0.36	25	52		
	Trend Aluminium Sliding Door	TND-017-07	6.38mm CP Gry	4.6	0.43	27	47		
***	Trend Aluminium Sliding Window	TND-001-16	4mm Gry / 10 Ar / 4mm Clr	4.2	0.46	32	47		
	Trend Aluminium Bifold Door	TND-026-02	4mm Gry / 10 Ar / 4mm Clr	4.0	0.38	32	53		
	Quantum Sliding Window	TND-004-14	4mm Gry / 8 Ar / 4mm	4.1	0.46	35	48		
***	Trend Aluminium Bifold Door	TND-026-01	4mm Clr / 10 Ar / 4mm Clr	4.0	0.52	39	44		
	Trend Aluminium Sliding Window	TND-001-14	4mm Clr / 10 / 4mm EA	3.7	0.54	41	43		
	Quantum Sliding Window	TND-004-18	3mm Clr / 10 Ar / 3mm Clr	4.1	0.59	41	37		
****	Quantum Sliding Window	TND-004-15	4mm / 8 Ar / 4mm EA	3.5	0.54	45	44		
	Xtreme Sliding Door	TND-006-04	5mm Clr Tgn / 6 / 5mm Low E Tgn	3.6	0.57	45	42		
	Trend Aluminium Sliding Door	TND-017-09	4mm Clr / 10 Ar / 4mm Clr	3.8	0.62	46	36		
****	Quantum Sliding Window	TND-004-19	3mm Clr / 10 / 3mm EA	3.4	0.55	47	44		
	Quantum Awning Window	TND-005-14	4mm Clr / 8 Ar / 4mm Clr	4.5	0.51	52	42		
	Trend Aluminium Sliding Door	TND-017-11	4mm Clr / 10 Ar / 4mm EA	3.0	0.59	53	43		
****	Meranti Awning Window	TND-010-09	6.38mm CP Gry	3.1	0.33	59	61		
	Cedar Casement Window	TND-008-08	6.38mm CP	3.2	0.36	60	59		
	Trend Aluminium Awning Window	TND-002-15	4mm Clr / 10 Ar / 4mm Clr	4.1	0.57	61	39		
****	Cedar Awning Window	TND-007-16	4mm Gry / 6 / 4mm Clr	2.8	0.37	64	60		
	Trend Aluminium Awning Window	TND-002-17	4mm Clr / 10 Ar / 4mm EA	3.5	0.53	66	45		
	Synergy uPVC Casement Window	TND-013-12	6 Caribia / 14 Ar / 4mm EA	1.9	0.23	66	74		
*****	Synergy Casement Window	TND-013-07	4mm Gry / 17 Ar / 4mm EA	1.9	0.28	69	70		
	Cedar Awning Window	TND-007-10	3mm Olr / 8 / 3mm Olr	2.8	0.51	73	50		
	Meranti Awning Window	TND-010-10	3mm Olr / 8 / 3mm Olr	2.8	0.51	73	50		
*****	Meranti Casement Window	TND-011-11	4mm Clr / 12 Ar / 4mm Clr	2.5	0.51	75	51		
	Synergy uPVC Awning Window	TND-013-01	4mm / 16 / 4mm EA	2.0	0.47	78	57		
	Synergy uPVC Casement Window	TND-013-01	4mm / 16 / 4mm EA	2.0	0.47	78	57		
*****	Meranti Awning Window Cedar Casement Window Synergy uPVC Casement Window	TND-010-13 TND-008-13 TND-013-05	4mm Clr / 12 Ar / 4mm EA 4mm Clr / 12 Ar / 4mm EA 4mm / 17 Ar / 4mm EA	1.9 2.0 1.9	0.47 0.48 0.47	79 80 80	57 56 57		



# protection from extremes

### HOT CLIMATE

In climates where the largest energy load is in cooling the home, the following Thermashield® window options are recommended.

We have listed your options broadly from 2 to 6 stars (the stars to the far left of the table). The more stars, the more protection from the heat.

	THERMASHIELD COOLING SYSTEM										
STAR RATING	PRODUCT	ID CODE NUMBER	Glazing	U Value	SHGC	COOLING % IMPROVEMENT	HEATING % IMPROVEMENT				
**	Quantum Awning Window	TND-005-04	5mm Gry	6.4	0.44	37	23				
	Trend Aluminium Sliding Window	TND-001-20	5mm Clr / 10 / 4mm Clr	4.3	0.57	38	36				
	Trend Aluminium Double Hung Window	TND-029-01	4mm Clr / 10 / 4mm Clr	4.1	0.58	38	38				
***	Quantum Awning Window	TND-005-02	4mm EA	5.4	0.43	43	37				
	Trend Aluminium Awning Window	TND-002-14	4mm Clr / 10 / 4mm EA	3.7	0.53	44	64				
	Trend Aluminium Bifold Door	TND-026-01	4mm Clr / 10 Ar / 4mm Clr	4.0	0.52	44	39				
***	Quantum Sliding Door	TND-017-10	4mm Gry / 10 Ar / 4mm Clr	3.8	0.46	49	38				
	Trend Aluminium Awning Window	TND-002-13	4mm Gry / 10 / 4mm Clr	4.2	0.42	50	52				
	Quantum Sliding Window	TND-004-10	6.38mm CP Gry	4.7	0.39	50	24				
***	Trend Aluminium Sliding Window	TND-001-18	4mm Gry / 10 Ar / 4mm EA	3.5	0.42	53	38				
	Quantum Casement Window	TND-023-06	6.38mm CP Gry	5.9	0.25	53	20				
	Trend Aluminium Awning Window	TND-002-18	4mm Gry / 10 Ar / 4mm EA	3.5	0.41	54	60				
***	Trend Aluminium Sliding Door	TND-017-12	4mm Gry / 10 Ar / 4mm EA	3.0	0.41	56	44				
	Quantum Sliding Door	TND-017-12	4mm Gry / 10 Ar / 4mm EA	3.0	0.41	56	44				
	Trend Aluminium Bifold Door	TND-026-04	4mm Gry / 10 Ar / 4mm EA	3.4	0.34	59	36				
****	Synergy uPVC Awning Window	TND-013-09	5mm Gry / 14 Ar / 5mm	2.4	0.33	64	67				
	Synergy uPVC Casement Window	TND-013-09	5mm Gry / 14 Ar / 5mm	2.4	0.33	64	67				
	Synergy uPVC Sliding Door	TND-014-11	6 Caribia / 14 Ar / 4mm	2.6	0.33	64	45				
****	Cedar Double Hung Window	TND-025-07	5mm Gry / 6 Ar / 5mm EA	2.2	0.34	65	49				
	Synergy uPVC Sliding Door	TND-014-04	4mm Gry / 17 Ar / 4mm EA	1.9	0.35	66	53				
	Synergy uPVC Casement Window	TND-013-11	6 Caribia / 14 Ar / 4mm	2.4	0.26	69	63				
****	Synergy uPVC Awning Window	TND-013-07	4mm Gry / 17 Ar / 4mm EA	1.9	0.28	70	69				
	Synergy uPVC Casement Window	TND-013-07	4mm Gry / 17 Ar / 4mm EA	1.9	0.28	70	69				
	Synergy uPVC Sliding Door	TND-014-12	6 Caribia / 14 Ar / 4 EA	1.9	0.28	70	49				
****	Synergy uPVC Awning Window	TND-013-12	6 Caribia / 14 Ar / 4mm EA	1.9	0.23	74	66				
	Synergy uPVC Casement Window	TND-013-12	6 Caribia / 14 Ar / 4mm EA	1.9	0.23	74	66				
	Synergy uPVC Casement Window	TND-013-14	6 Solarcool Gry / 14 Ar / 4mm	2.4	0.19	74	57				



### MIXED CLIMATE

In climates where the energy load for both heating and cooling the home are similar, the following Thermashield® window options are recommended.

THERMASHIELD MIXED SYSTEM										
STAR RATING	PRODUCT	ID CODE Glazing NUMBER		U Value	SHGC	COOLING % IMPROVEMENT	HEATING % IMPROVEMENT			
**	Trend Aluminium Double Hung Window	TND-029-01	4mm Clr / 10 / 4mm Clr	4.1	0.58	38	38			
	Quantum Sliding Window	TND-004-18	3mm Clr / 10 Ar / 3mm Clr	4.1	0.59	37	41			
	Quantum Sliding Door	TND-017-06	6.38mm CP	4.6	0.63	31	37			
***	Trend Aluminium Sliding Window	TND-001-17	4mm Clr / 10 Ar / 4mm EA	3.5	0.55	43	44			
	Trend Aluminium Double Hung Window	TND-029-03	4mm Clr / 10 / 4mm EA	3.6	0.54	44	43			
	Trend Aluminium Awning Window	TND-002-14	4mm Clr / 10 / 4mm EA	3.7	0.53	44	64			
***	Trend Aluminium Bifold Door	TND-026-03	4mm / 10 Ar / 4mm EA	3.4	0.49	49	44			
	Quantum Sliding Window	TND-004-15	4mm / 8 Ar / 4mm EA	3.5	0.54	44	45			
	Trend Aluminium Awning Window	TND-002-13	4mm Gry / 10 / 4mm Clr	4.2	0.42	50	52			
***	Quantum Sliding Window	TND-004-16	4mm Gry / 8 Ar / 4mm EA	3.5	0.42	53	39			
	Quantum Awning Window	TND-005-17	4mm Gry / 8 Ar / 4mm EA	4.0	0.38	54	51			
	Trend Aluminium Awning Window	TND-002-18	4mm Gry / 10 Ar / 4mm EA	3.5	0.41	54	60			
***	Trend Aluminium Sliding Door	TND-017-12	4mm Gry / 10 Ar / 4mm EA	3.0	0.41	56	44			
	Quantum Sliding Door	TND-017-12	4mm Gry / 10 Ar / 4mm EA	3.0	0.41	56	44			
	Meranti Awning Window	TND-010-12	4mm Gry / 12 Ar / 4mm Clr	2.5	0.39	60	69			
<b>*</b> ***	Synergy uPVC Casement Window	TND-013-09	5mm Gry / 14 Ar / 5mm	2.4	0.33	64	67			
	Cedar Casement Window	TND-008-14	4mm Gry / 12 Ar / 4mm EA	2.0	0.37	64	74			
	Meranti Casement Window	TND-011-14	4mm Gry / 12 Ar / 4mm EA	2.0	0.37	64	74			
****	Synergy uPVC Sliding Door	TND-014-04	4mm Gry / 17 Ar / 4mm EA	1.9	0.35	66	53			
	Synergy uPVC Awning Window	TND-013-11	6 Caribia / 14 Ar / 4mm	2.4	0.26	69	63			
	Cedar Awning Window	TND-007-14	4mm Gry / 12 Ar / 4mm EA	1.9	0.36	65	73			
****	Synergy uPVC Sliding Door	TND-014-12	6 Caribia / 14 Ar / 4mm EA	1.9	0.28	70	49			
	Synergy uPVC Awning Window	TND-013-07	4mm Gry / 17 Ar / 4mm EA	1.9	0.28	70	69			
	Synergy uPVC Casement Window	TND-013-07	4mm Gry / 17 Ar / 4mm EA	1.9	0.28	70	69			
*****	Synergy uPVC Casement Window	TND-013-14	6 Solarcool Gry / 14 Ar / 4mm	2.4	0.19	74	57			
	Synergy uPVC Awning Window	TND-013-12	6 Caribia / 14 Ar / 4mm EA	1.9	0.23	74	66			
	Synergy uPVC Casement Window	TND-013-12	6 Caribia / 14 Ar / 4mm EA	1.9	0.23	74	66			





## combat the noise with soundmizer®

With the constant need to combat extremes of noise, windows and doors can often be the weakest link in the isolation of noise from outside a home.

Since sound is energy, effective barriers must have mass and density and a low resonant frequency to stop or reflect the energy. Trend® SoundMizer® products are high performance, acoustic options designed to minimise troublesome noise.

Trend® understands this requirement.

Efficient acoustic management starts with the SoundMizer® collection from Trend®.

Solutions up to Rw 43 can be achieved with single and secondary glazing elements for any noisy environment.

For details of individual test results, consult the Trend® Sales Executive in your area or call 13 72 74 to be transferred to the nearest sales office.

# trend® acoustic STC ratings chart

Acoustic STC Rating	Trend Awning Window	Trend Sliding Door Maximum Panel Weight 80kgs	Trend Sliding Window Maximum Sash Weight 44kgs	Trend Double Hung Window	Trend Fixed Window	Trend AP Hinged Door Maximum Panel Weight 40kgs	Trend Bifold Door Maximum Panel Weight 40kgs	Quantum Awning Window	Quantum Sliding Window
24	$\checkmark$	✓	✓	<b>✓</b>	$\checkmark$	✓	✓	$\checkmark$	✓
25	✓	✓	✓	✓	✓	✓	✓	✓	<b>√</b>
26	✓	✓	✓	✓	✓	✓	✓	$\checkmark$	✓
27	✓	✓	✓	✓	✓	✓	✓	✓	<b>√</b>
28	✓	✓	✓	✓	✓	✓	✓	$\checkmark$	✓
29	✓	✓	✓	✓	✓	✓	✓	$\checkmark$	✓
30	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	✓	✓	✓	✓	✓	✓	✓	$\checkmark$	✓
32	✓	✓	✓	✓	✓	✓	✓	$\checkmark$	✓
33	✓	✓	✓	✓	✓	✓	✓	✓	<b>√</b>
34	✓	✓	✓	×	✓	✓	✓	✓	✓
35	✓	✓	✓	×	✓	✓	✓	$\checkmark$	✓
36	✓	✓	✓	×	✓	×	×	✓	✓
37	✓	✓	×	×	✓	×	×	$\checkmark$	✓
38	✓	✓	×	×	×	×	×	✓	✓
39	<b>√</b>	×	×	×	×	×	×	✓	<b>✓</b>



BELLEMORE HOMES

GET SMART CONTRUCTIONS



## installation instructions

- 1. Fit flashing to window surround as required.
- Frame must be packed plumb, square and not twisted between the opening. Ensure the sill is fully supported, failure to do so may result in sill roll on windows.
- Secure aluminium windows by nailing through reveal. Timber windows should be secured by back nailing through stud, not face of frame to stud. Alternatively, on cavity brick construction use galvanised building lugs located at 450mm maximum centres.
- 4. Keep sash closed whilst installing frames.
- 5. Sill bricks should be at least 15mm clear of window frame to allow for settlement.
- Do not stand on the windows, or use them as a support for scaffolding, or slide material through the frame.
- Do not permit weight of eaves or arch bars to bear on aluminium or timber frames.

- Remove cement mortar dropping from windows immediately, taking care to avoid scratching glass and frames, as permanent damage can result.
- Timber windows should have a first coat of an appropriate paint, oil or stain applied within 30 days of delivery. Do not paint timber in dark colours. Prior to sealing, avoid placing timber near gum trees, sawdust and metal filings, as staining may occur.

No guarantee will be given if timber or aluminium painted surfaces come into contact with acid when cleaning brickwork. Refer Terms and Conditions of Sale for full details



Trend® Horn

Optional Bull Nose Horn available



Optional Timber Ovola Glazing Bar

## construction

Trend® timber products are made to exact standards. All timber material is specified to a high quality, but to further improve our range, we have introduced engineered and/or veneered sections to our range of timber products.

Note: All Timber hinged doors are open in unless specifically requested to be open out.

#### Also note that:

- Timber products are available with Thermashield® double glazing\* or other special glass, to improve comfort and security levels.
- Timber does have natural colour variations, therefore colour matching timber is not possible.

- The windows and doors are smooth sanded, ready for a light sand then painting, staining or clear finishing.
- To allow greater flexibility for our customers, hardware is not supplied to hinged entry doors.
- Refer to special considerations under "Installation".
- Thermashield® double glazing not available on ovolo glazing bar.
- Priming base coat is available on request.
- All end grain must be sealed within two (2) weeks of delivery to prevent bowing and splitting.

\* Note: When ordering horns on double hung windows the standard is the Trend® horn. Bull Nose horn are optional.

## care & maintenance

On site, windows and doors should be stored in a clean dry area free from cement, lime, paint, acid etc.

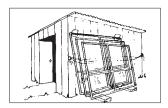
During installation they must be protected from building fall-out such as wet plaster, mortar, paint and welding splatter.

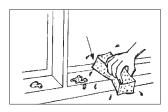
Remove wet plaster, cement, mortar and other droppings immediately, using ample clean water and a sponge or rag, to avoid permanent staining or scratching of finished surfaces.

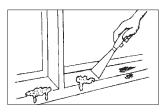
If removal is delayed and scraping becomes necessary the surface finish may suffer. Door tracks and window sills should be protected from planks, scaffolding and barrows, and kept clean of grit and dirt.

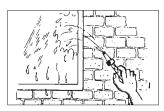
Acid used for cleaning brickwork must be prevented from dripping onto aluminium or timber surfaces. Should this fail the acid must be immediately washed off with ample clean water.

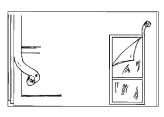
If stripable coatings or pressure sensitive tapes are used to protect exposed surfaces, care must be taken not to damage the finish during their removal. Prolonged exposure to sunlight can make them increasingly difficult to remove.











## maintenance conditions

- All powdercoated surfaces should be cleaned using a soft cloth or sponge with a solution of warm water.
  - Where the atmosphere is deemed to be non-hazardous eg. rural, the period between cleaning frequency can be extended up to twelve months.

In industrial environments or environments with atmospheric pollution the normal frequency of cleaning should be at not more than three monthly intervals. However where there is high atmospheric pollution, such as a marine/coastal environment, cleaning should be conducted at monthly intervals.

- Remove cement mortar dropping from windows immediately, taking care to avoid scratching glass and frames, as permanent damage can result. Trend® Windows & Doors will not be liable for any damage that may occur if the timber or aluminium painted surfaces come into contact with acid when cleaning brickwork.
- 3. Timber products MUST BE 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 products exposed to direct sunlight or the elements.



## guarantee

Trend® Windows & Doors warrants that it's Windows and Doors (the "Product") will be free from defects due to defective factory workmanship or material for seven years from the date of purchase of the product subject to the following conditions:

- a) The product is installed in accordance with the relevant Australian Standards and as per Trend® Windows & Doors written installation instructions current at the time of installation.
- b) The product has been maintained according to industry recommendations and the Maintenance Conditions outlined.
- The product has not been subject to misuse, physical abuse or neglect.
- Manufacturing standards and tolerances are not deemed defects, nor are industry variations in the colour of aluminium and timber componentry.
- Trend® Windows & Doors accepts no responsibility for glass breakage (except where arising from manufacturing defects).
   Toughened glass, float glass and laminated glass is warranted against degradation for seven (7) years.
- Moving parts, which wear out as part of normal use, are guaranteed for one (1) year.
- g) If Trend® is reasonably satisfied a claim may be made under this warranty, it will either at its option repair or replace the defective product or pay for the cost of replacement or repair but it will not be liable to install or refinish the replacement product.
- h) Only repairs carried out by Trend® Windows & Doors personnel or authorised agents are covered by this warranty.

- i) A claim must be made under this warranty within one month of the defect arising in the product. Copies of documentation showing the purchase date of the product should be included with your written claim and forwarded to the nearest Trend® Windows & Doors office.
- j) Trend® Windows & Doors will not be liable for any losses or damages (whether direct or indirect) including consequential loss, economic loss or loss of profits arising in contract or negligence or howsoever arising. All warranties, conditions, liabilities and obligations other than those specified are excluded.

Nothing in this warranty is to be construed as excluding or modifying any other rights and remedies in respect of the product to which you are entitled under the Trade Practices Act and similar State and Territory Laws. To the extent that there is any inconsistency between Trend® Windows & Doors conditions of sale and this warranty, the conditions of sale will take precedence.

# other trend® products

contact your nearest sales office for other Trend® brochures



aluminium range selector



cedar range selector



energy efficiency thermashield®





crestlite® commercial range selector



synergy® uPVC windows & doors



xtreme® bushfire technical manual

### contact trend® windows & doors

#### SYDNEY

HEAD OFFICE 44-52 Mandoon Road, Girraween NSW 2145 Tel: (02) 9840 2000 Fax: (02) 9840 2100

3/384 Eastern Valley Way, Chatswood 2067 Tel: (02) 9882 1155 Fax: (02) 9882 1566

### WOLLONGONG

Tel: (02) 4256 1966 Fax: (02) 4256 3863

### NOWRA

Unit 1A,175 Princes Highway South Nowra NSW 2541 Tel: (02) 4423 1500 Fax: (02) 4423 5100

### **NEWCASTLE**

56-60 Munibung Road, Cardiff NSW 2285 Tel: (02) 4956 7133 Fax: (02) 4956 9146

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5 Catamaran Road, Ourimbah NSW 2258 Tel: (02) 4389 1402 Fax: (02) 4389 8460

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7-11 Hume Street, Tamworth NSW 2340 Tel: (02) 6765 4066 Fax: (02) 6765 2584

### DUBBO

1/55 Douglas Mawson Drive, Dubbo NSW 2830 Tel: (02) 6884 4055 Fax: (02) 6884 4057

### ACT

74 Sheppard Street, Hume ACT 2620 Tel: (02) 6260 1266 Fax: (02) 6260 1381

#### **VICTORIA**

92 Canterbury Road, Bayswater North VIC 3153 Tel: (03) 9751 7000

Fax: (03) 9751 7010 36 Oliphant Way,

Seaford VIC 3198 Tel: (03) 9770 8888 Fax: (03) 9775 1811

72-74 Main Road, Ballarat VIC 3350 Tel: (03) 5338 7837 Fax: (03) 5331 3335

### **TASMANIA**

GP Glass 14 Kelcey Tier Road, Spreyton TAS 7310 Tel: (03) 6427 3166 Fax: (03) 6427 3161

### **ADELAIDE**

15-17 Indama Street, Regency Park SA 5010 Tel: (08) 8347 0866 Fax: (08) 8347 0522

### BRISBANE/ GOLD COAST

134 Lahrs Road, Ormeau QLD 4208 Tel: (07) 5549 4100 Fax: (07) 5549 4111

### SUNSHINE COAST

Unit 1/23 Premier Circuit, Warana QLD 4575 Tel: (07) 5437 6100 Fax: (07) 5437 6188

27-43 Skyreach Street, Caboolture QLD 4510 Tel: (07) 5428 9200 Fax: (07) 5428 9222



Trend® National Customer Assistance Centre

13 72 74

(between 8:30am - 4:30pm EST, M-F) Product not available in WA

www.trendwindows.com.au

email: info@trendwindows.com.au