



**Steel-Line**  
garage doors

# Strut-Lock™ Wind Rated Sectional Doors

**If you're ready to draw the line at average and reach for better call us today.**

To locate Steel-Line branches across Australia call: **1300 427 243** or visit [steel-line.com.au](http://steel-line.com.au)

## Why choose Strut-Lock™?

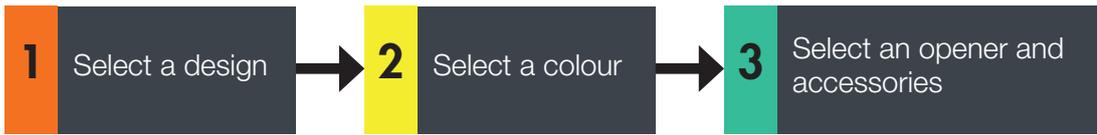
- ✓ Post free for widths up to 5500mm, meaning you will not have to lift heavy posts, prepare in advance or have a base plate on your driveway.
- ✓ Engineered to ensure superior strength and durability with large struts on the back of the door and double end stiles.
- ✓ Stringently tested at James Cook University under static and cyclonic conditions, surpassing the wind load requirements of AS/NZS 4505-2012.
- ✓ Made from Australian BlueScope steel and heavy-duty hardware.
- ✓ Quieter operation due to robust plastic hinges.
- ✓ Lighter making it easy to install and easier for manual operation if required.
- ✓ Suitable for most applications due to unique top bracket allowing for low-headroom situations (as little as 300mm).
- ✓ Form 15's and Section 40's available for building certifiers.
- ✓ Available in a wide range of colours and styles with a variety of design options.



makers for



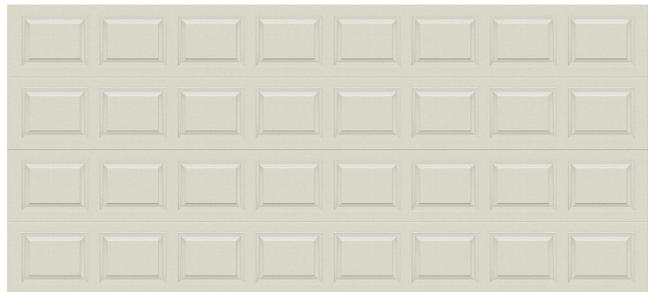
# 3 easy steps to create your sectional garage door



## 1 Door Profiles and Finishes



Ranch (textured finish)



Heritage (textured finish)



Flatline (smooth or textured finish)



Slimline (smooth or textured finish)



Glacier (smooth or textured finish)

NOTE:

- Smooth finish Slimline, Glacier and Flatline are only available in the Savannah range at premium pricing.
- For "smooth finish" garage doors, shadowing in the panel surface will be more evident. Shadowing is the rippling that occurs as a result of roll forming / pressing flat sheet steel.



Textured Finish | Slimline



Smooth Finish | Glacier

DECO  
WOOD



Architectural

UniCote  
LUX



Timbers of the World



More than 70 Dulux colours also available for sectional doors only. Please inquire about availability.

Colorbond  
Classic



Matt  
Range



NOTE:

- All colours shown on this chart are a guide only. The limitations of printing processes make extremely accurate matches impossible. We strongly recommend comparing your choice with actual samples. Additionally, Steel-Line reserves the right to vary or remove colours without notice.
- Premium colours are not available in smooth finish.
- UniCote range is only available in the Flatline, Slimline and Glacier sectional door profiles.

### 3 A small additional investment for greater convenience

Fit your Strut-Lock™ wind rated sectional door with a specially designed automatic opener for safe and hassle free entry and exit from your garage or shed.

All of our openers are engineered to the highest standards ensuring easy operation, optimum performance, long life and peace of mind.

- Soft start / stop function to ensure smooth and quiet door operation
- Courtesy lighting illuminates your garage when the opener is activated.
- Manual Release: in case of power failure you can simply activate the manual release to open your garage door.
- Safety Auto Reverse System: door immediately stops and reverses when it comes into contact with an object.
- Remote handsets and wireless wall button
- 5 year motor warranty / 2 year electronics warranty



**Powerhead**



**2 x Three Channel Key Ring Transmitters**



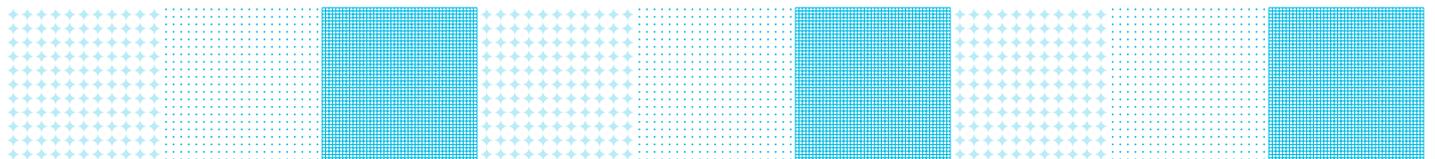
**Optional Wireless Keypad**

can be programmed with up to twelve user codes, so you can leave your keys at home with the peace of mind.



**Optional Battery Backup**

provides an energy supply in the event of a power cut.



## Quality Features



### Strong Hinges

Steel-Line uses hinges made of robust plastic for superior strength, quieter and trouble free operation.



### Finger Proof Safety

Our sectional doors feature a curved finger proof joint for added safety.



### Heavy Duty Bottom Rail

To increase strength in the lower part of the garage door.



### Optional 'Photo Eye'

Allows the garage door to automatically reverse when its sensory light beam is broken by an obstruction.

## Heavy duty and reinforced hardware throughout product

Back of the Strut-Lock™ Sectional Door



Large struts and double end stiles



Heavy duty hardware



# Strut-Lock™ Wind Rated Sectional Door

Superior strength and rigidity are qualities of the unique design of the Strut-Lock™ wind rated sectional door, suitable for high wind or cyclonic locations.

As the largest point of entry, your garage door offers the greatest threat for high-pressure destruction during a cyclone.

If you live in high wind and cyclonic areas, it's necessary to choose a garage door that will withstand the particular stresses it may be subject to and minimise the potential damage to your home.

Steel-Line's new Strut-Lock™ wind rated garage door has been engineered to the highest standard and tested at the James Cook University Cyclone Testing Station against the wind loading requirements of AS/NZS 4505-2012.

The Strut-Lock™ door is post free, incorporating the use of heavy duty struts, robust commercial hinges, top brackets in combination with a unique stile reinforcement to provide maximum resistance to forces exerted by cyclonic and high winds.

For a door size over 5500mm wide or 2580mm high, or to meet the C3 or C4 wind classification, the Wind Brace design is the best option, which features removable steel wind brace post(s) that are installed on the garage door once a cyclone warning is received. It takes about 2-5 minutes to install and tools are not required. This feature can significantly enhance wind resistance up to C4 wind rating whilst still ensuring a smooth door operation.

## Door Size and Wind Classification

GARAGE DOOR	WIND CLASSIFICATION	WIND SPEED (KM/HR)	MAX DOOR HEIGHT (MM)	MAX DOOR WIDTH (MM)
Strut-Lock™ Sectional Door	C2	220	2580	5500

## Wind Classification

AS4055-2012 is based on a ten-band wind classification system: N1 to N6 for non-cyclonic Region A & Region B; and C1 to C4 for cyclonic Region C & Region D. A higher classification number means the wind speed is higher.

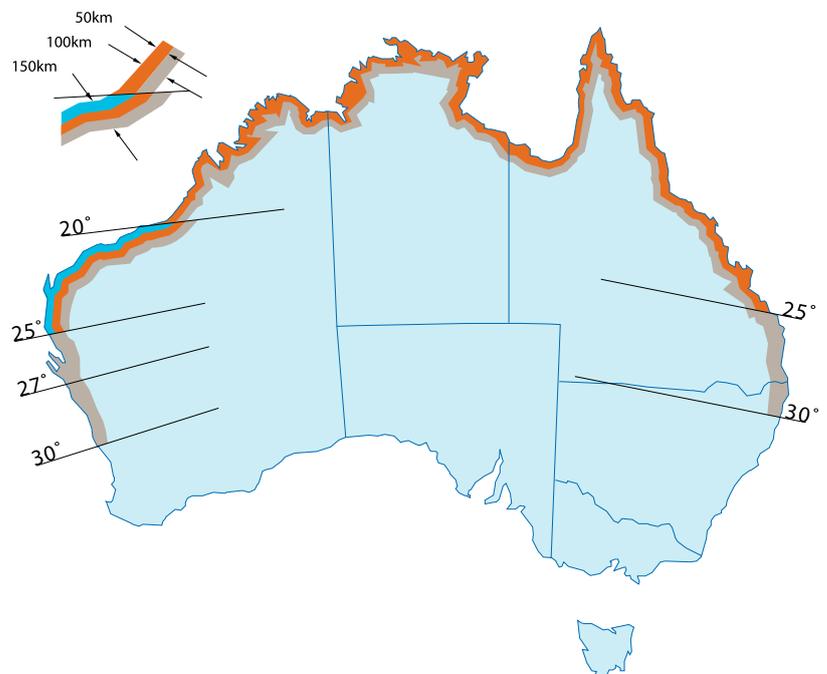
## Location Classification

Cyclonic Classification:

Region C (Orange)    Region D (Blue)

Non-cyclonic Classification:

Region A (Light Blue)    Region B (Grey)



Refer to the AS4055-2012, FIGURE 2.1 BOUNDARIES OF REGIONS A, B, C AND D for more information.

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