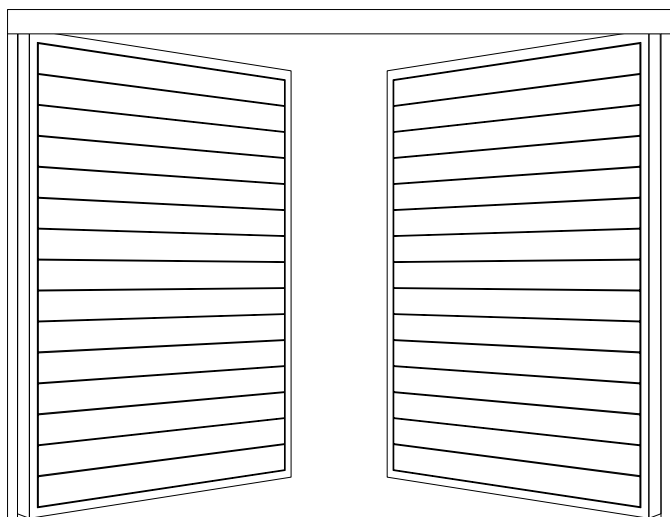
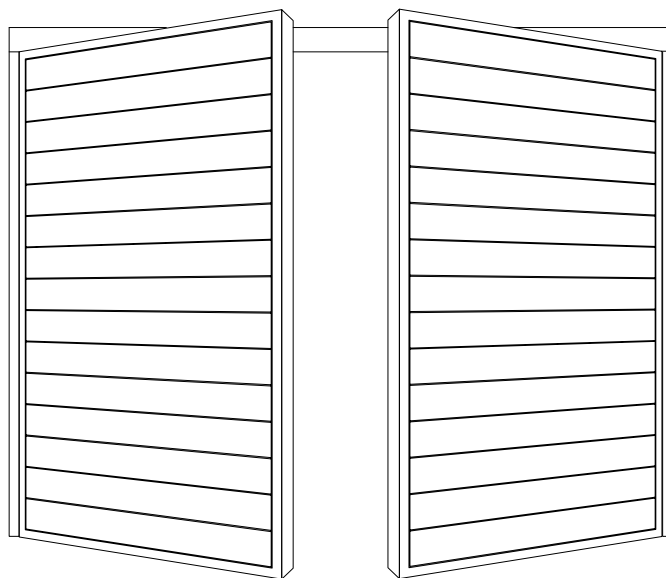


specification for
side-hinged garage doors



Inward opening



Outward opening

Frame sizes

	Width mm	Height mm
Standard frame size up to	2800	2400

Door values

Total door thickness	80mm
Door leaf calculated insulation	1.112W/m²k
Sound insulation	31db
Eco Wood Fibre insulation	290kg/m3

Entry opening options

Manual	✓
Automatic**	✗

**automatic opening is available
on our bi-fold & up-and-over
garage doors

Door structure

- 1 3d hinges ✓
- 2 Inner wood frame ✓
- 3 3 point lock (see page 3 for all locking options) ✓
- 4 Thumbturn cylinder ✓
- 5 Eco Wood Fibre insulation / ventilation ✓
- 6 Double steel reinforcement ✓
- 7 Handle (pull & lever styles available) ✓
- 8 Dropdown seals ✓
- 9 Hardwood frame (see next page for details) ✓

a	Interior solid wood lamination layer	5mm
b	Interior composite stabilising layer	10mm
c	Exterior composite stabilising layer	10mm
d	Exterior solid wood lamination layer	5mm

Door finish options*

	Sealing / protective	Unfinished
Hardwood	Oil Lacquer	N/A
Metallic	Beeswax Lacquer	Oxidises Weathers naturally

Frame structure

Solid wood laminated frame (mm)	70w x 115d
Double rebated frame	✓
Double acoustic weatherseals withstanding temperatures	-30c - +70c



(OPTIONAL EXTRA)

Door structure upgrade: fully flush door & frame

A flush door is one where the door face (door leaf) sits flat (flush) in-line with the door frame.

Our side hinged garage doors are built recessed on the outside as standard, where the door sits back slightly in the frame (see diag. 2). The interior side is always built flush as standard.

We offer an upgrade to a fully flush garage door & frame where the exterior view is also built with a flush finish.

Flush doors are ideal where a streamlined or ultra-contemporary aesthetic is desired.

Please note: we recommend flush garage doors are at minimum semi- protected by a substantial porch/canopy. See page 4 for more details about choosing the right door structure for your property and location.

(diag. 2)



standard recessed

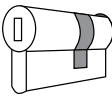


fully flush

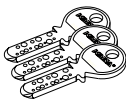
Security & Hardware

1	High security cylinder	✓
2	Security keys*	3
3	Security escutcheon	✓
4	Security multipoint lock:	
	- tested to ENV 1627-1630	✓
	- resistance class 4	✓
	- fire tested to EI30	✓
5	Reinforced, multiaxial 3D concealed hinges	2 per door
	- tested to EN1935:2002	
	- maximum weight	180kg
	- maximum horizontal stress	360N

1



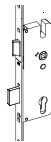
2



3



4



5



*Extra security keys available

high security locking & door closing options

All our locking options are highly secure. Learn the differences in practical use below.

INCLUDED

Multi-point lock + thumbturn

Our 5-point lock requires locking with the key when you leave the house.

From the inside: as a minimum the door is always locked on the latch when it is shut, turn the thumbturn to fully secure the door and double lock it (and unlock the door again)

From the outside: when the door is shut, use the key to lock the door (and unlock the door again).

(OPTIONAL EXTRA)

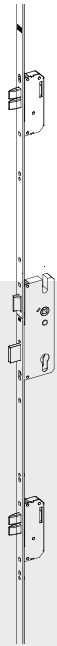
Self-locking multi-point lock + thumbturn (mechanical, no wiring required)

For added peace of mind, the 3-point self-locking option means you don't have to worry about locking your door with the key when you leave the house.

From the inside & outside: when the door is shut, the multi-point lock is automatically engaged and locks the door.

You do not need to use the key from the outside to lock the door.

You do need the key to unlock from the outside.



PLEASE NOTE: ALL OPTIONS BELOW ARE SUPPLIED FITTED ONLY. A PROFESSIONAL ELECTRICIAN IS REQUIRED ONSITE FOR FINAL WIRING.

(OPTIONAL EXTRA)

Motorised self-locking & fingerprint entry (or other automatic/electrical entry system) + thumbturn

Choose this option where self-locking and no keys are preferred. This locking system acts the same as self-locking but allows integration with additional electrical/keyless opening systems.

Motorised self-locking:

From the inside & outside: when the door is shut, the lock is automatically engaged and locks the door.

The lock is designed to stay locked in case of a power cut.

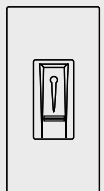
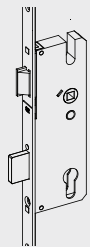
You will still receive keys in case a manual override is required.

Fingerprint entry system:

Register up to 99 fingerprint sets to unlock the door from the outside without a key. This can be integrated with motorised locking.

Other 3rd party entry systems (not supplied):

These can be used in conjunction with fingerprint entry or on their own. They will also require the motorised locking option.



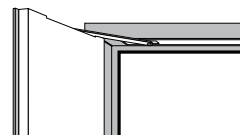
(OPTIONAL EXTRA)

Door closing: concealed hinged soft-closing system

Highly recommended where hinged doors are being fitted into glass (curtain walling).

This option prevents the door from slamming shut (reducing possible and repeated impact on the glass) and allows the door to close gently on its own.

The concealed hinged door closer will not let the door stay open. A door stop or wedge would be needed if required.



about exposure and choosing the right garage door

The beauty of **real natural hardwood** is in both its aesthetics & properties, in the long-run it will outperform any man-made equivalent. We offer a wide range of choices to allow you to create the perfect garage door bespoke to your needs. The amount of exposure (weather impact) your door will receive affects our recommendations for certain combinations. Use the table + key below to learn more.

We recommend all our doors are fully protected by a substantial porch or canopy & planning this protection early will give you more choice and flexibility.

KEY



This door combination is suitable & reflects the expected average maintenance frequency



This door combination may need a higher level of maintenance. Darker woods in particular may see minor changes in colour and/or hairline splits may develop over time.



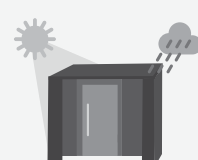
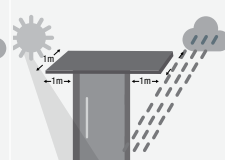
This door combination is not recommended. These combinations may incur more noticeable changes in colour, hairline splits & require high maintenance levels.

High exposure
(fully open to the elements and/or coastal locations)

Semi-exposed
(protected by canopy/ porch min. size half the door height on all sides)

Protected
(fully setback or protected all sides by a porch/canopy)

Pick one choice from each of A,B,C to make up your basic specifications & see how suitable the combinations are for your door location



A	Door opening	Side-hinged			
B	Door material	Lighter wood (oak, iroko, cedar)			
		Dark wood (walnut)	*	*	
		Dark wood (fumed oak)	*	*	
		Dark stain (ebony, walnut etc.)	*	*	
		Painted			
		'Bronze	*		
C	Door structure (placement in frame)	Recessed (door set back in frame)			
		Flush (door face in-line with door frame)			
			*if these options are selected, maintenance may be significantly increased Bronze doors are finished with beeswax, lacquer or left unfinished. Maintenance required as needed – contact us for more details.		
Door finish (average maintenance frequency shown in table)		Oiled	3m-1year	6m-1year	Once a year
		Lacquered	1-5 years	2-5 years	3-10 years

Please note: urban front doors are supply only