

Guarantees are subject to the condition as set out below;

1. During the comprehensive 2 year guarantee period Cardale Doors Limited undertake to repair or replace (at its discretion), and without charge, products or components which have suffered any form of manufacturing defect. Claims must be notified within 3 days from the date of delivery or within a reasonable time after discovery of any defect.
2. Products covered by these guarantees must have been purchased through an authorised Cardale garage door distributor or as original equipment attached to a newly built dwelling.
3. The warranties shall apply for normal use only. Normal use constitutes no more than 5 operations (open/close cycles) per day.
4. The warranties offered attach to the Cardale product only and no consequential damages will apply no matter how caused.
5. No liability will be accepted as a result of normal wear and tear, incorrect storage, incorrect handling, faulty installation, incorrect use or wilful damage.
6. Claims under this guarantee must be made through the original supplier and accompanied by relevant documentation indicating the date of purchase (e.g. receipt).
7. Cardale Doors Limited maximum liability shall be the original purchase price inclusive of Value Added Tax at the rate prevailing when supplied.
8. Any product which is the subject of a claim:
  - i) must have been correctly installed in accordance with the installation instructions supplied and thereafter properly maintained by a suitably experienced engineer on a regular basis as set out in the Maintenance and Operating Instructions provided with every door. (Additional copies of these instructions are available by calling 0871 231 75 70). We recommend that regular maintenance is provided by a suitably experienced engineer. Contact us on [www.cardale.com](http://www.cardale.com) to find your local Cardale garage door specialist.
  - ii) must have the manufacturer's reference number still intact (found on the barcode label on the door)
  - iii) must not have been modified in any way.

**A Service Passport is supplied with every Cardale garage door and this document contains useful information on how to look after your door. It also includes a Service Record section in which to record each time your door receives regular routine servicing. This record will be useful in the unlikely event of a claim under this guarantee.**

9. Claims will not be accepted where the cause is due to:
  - i) impact or mechanical damage suffered during or following installation, e.g scratches, indentations, tears, scuffs or other surface abrasion.
  - ii) damage or discolouration caused by contact with any form of caustic, abrasive or corrosive substance, fumes, bird droppings, fire, smoke, floodwater, salts, acids, or from exposure to abnormal atmospheric pollution.
10. This guarantee excludes normal wear and tear on items such as cones, cables, spindles, lock cylinders, hinges or springs.
11. Only Cardale original spare parts must be used when required. The use of non-Cardale parts shall invalidate this guarantee. Warranty period for replacement parts is 6 months or the balance of the original warranty period if greater.
12. The Exterior Finish Guarantee applies only to the weatherside surface and where more than 5% of the surface area of the door is affected. Surfaces must be freely exposed to washing by rainfall and kept clear of accumulated dirt and debris and given equal exposure to local environmental conditions and consistent natural lighting conditions across the face of the door. Special attention is drawn to Clause (9) (ii).
13. Primed steel doors and basecoat treated timber doors must receive a suitable exterior quality finishing topcoat immediately after installation. This topcoat finish must be applied strictly in accordance with the manufacturer's instructions.
14. The guarantee period for electric operators excludes batteries, fuses and light bulbs.
15. Parts replaced free of charge become the property of Cardale Doors Limited.
16. Attempted repairs by non-qualified individuals shall invalidate this guarantee.
17. Cardale garage doors and associated products are sold subject to the Cardale Doors Limited Standard Terms and Conditions of Sale, copies of which are available upon request. Cardale Doors Limited shall not be liable as a result of any representation, implied warranty or other term or condition or for any consequential loss or damage, costs, expenses or other claims whatsoever except as expressly set out in these Terms and Conditions of Sale.
18. All colour samples depicted in this brochure are as close to the original manufacturer's colour as possible. Garage doors supplied may vary in colour from the brochure representation.



new ranges and styles

Presented by:

Welcome to our new garage door brochure, containing an inspirational range of high quality doors. Cardale is British owned and we have been manufacturing garage doors for over fifty years. We are sure you'll find exactly the right door for your home amongst Cardale's range - no one offers more choice!

These doors represent the best, not only in looks, but also in terms of safety, security and durability. Cardale has no doubt that, in years to come, you will still be as happy with your Cardale door as the day it is installed.

**Not sure what style? - visit [www.tryadoor.com](http://www.tryadoor.com)**

Visit Cardale's 'try a door' at [www.tryadoor.com](http://www.tryadoor.com) to see how any door from Cardale's wide range will look either in one of the six house styles or, even better, on a photo of your own home.

Invaluable if you have trouble making up your mind, or if you cannot imagine the impact a new door will make to your home.



[www.cardale.com](http://www.cardale.com)

**Where to buy - visit [www.cardale.com](http://www.cardale.com)**

Cardale doors are available through a network of independent garage door specialists who will be able to provide full details and prices for our range. Visit [www.cardale.com](http://www.cardale.com) or call 0845 026 80 44 for details of your nearest distributor.

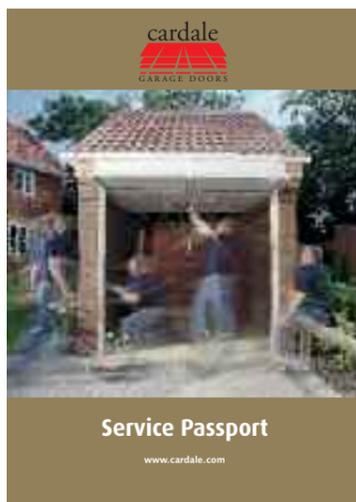
Amongst the distributors are those achieving Gold Standard - visit [www.golddistributor.co.uk](http://www.golddistributor.co.uk) or [www.cardale.com](http://www.cardale.com) for your nearest Gold Distributor.



## Contents

Page		
2/3	Introduction, Passport to Service	16/17 ABS doors
4	How to choose a door Selecting the material and finish	18/19 Timber doors GRP up and over doors
5	LightGrid safety feature Automation	20/21 Aluminium insulated roller doors Steeliner doors Personnel doors Side hinged timber doors
6/7	Powder coated pre-finished steel doors	
8/9	Painted steel doors	22/23 Safety Accessories Glazing options Handles Frames
10/11	Plastisol doors	
12/13	Golden Oak doors	
14/15	Rosewood doors	

## Cardale Service Passport



Every Cardale door is built to exacting standards with longevity in mind.

To keep your door in peak condition and to comply with guarantee conditions, an understanding of the correct operation of your door and the appropriate care and maintenance procedures is essential.

The Cardale Service Passport, supplied with every Cardale door, is your guide to obtaining the best from your door and includes the following useful topics:

- Advice on door gear and door panel servicing and maintenance
- Garage door safety
- Cleaning and care
- Door operation
- Service record

If correctly looked after, your newly installed door will work effortlessly and efficiently for years to come.

Your Cardale garage door specialist will be able to advise on any accessories or replacement items you may require and should also be able to carry out the regular routine maintenance.

If your door is manually operated, you may consider adding the luxury and convenience of remote control electric operation in the future, and again your Cardale garage door specialist will be able to help and advise.

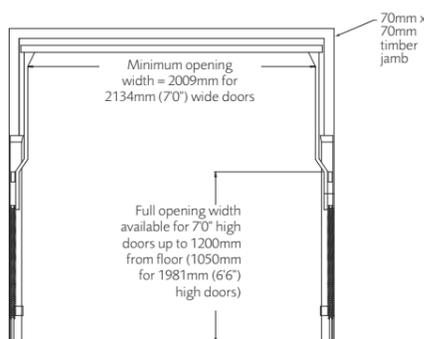
*(see page 22 for details of our remote control operators)*



## Maximizer - unrivalled drive-through clearance

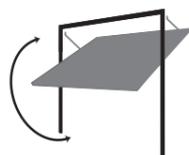


Garage doors up to 2438mm high (8'0" x 7'6") can be specified with the optional Maximizer retractable lifting gear. Maximizer gear has cranked arms which do not intrude into the lower half of the door aperture when open, allowing clear drive-through access at the wing mirror height of most cars. Quick-fit steel frames in a variety of finishes are available for single sized Maximizer doors to speed up installation and provide a match with the door finish.



## Selecting an opening mechanism

Cardale offer ranges of doors operating in several different ways. Depending on your preference and the physical characteristics of your garage, some types of operation may be more suitable for you than others. The information here will give you an insight into the choice of operating mechanisms and their features.



### Safelift Trackless Canopy Door Gear

Up and over canopy doors are the most popular style of lifting gear in the UK with a vast range of door styles to suit. Ideally matched to where there is limited headroom for tracks but with the advantage that automation is still available.



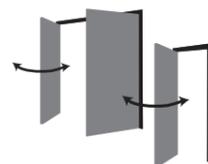
### Maximizer Retractable Door Gear

An alternative lifting gear for use with up and over canopy doors. Horizontal tracks are attached to the top of the door frame to guide the door open, providing an exceptionally smooth opening and closing action which is ideal for electric operation.



### Roller

Roller doors travel vertically, forming a compact coil above the opening, meaning minimum space requirements both inside and out. Slimmed down versions requiring even less headroom are available for both the Thermaglide and Steel-line range.



### Side Hinged

Popular 'traditional' operation and ideal if there are obstructions within the garage. Excellent security and very durable construction ensure a long trouble-free service and automation is available as an option.

## Selecting the material and finish

Cardale offer a wide selection of popular designs across a range of materials and finishes. This increased choice means you can choose your favourite style, together with the benefits of a low maintenance finish or the luxury of real timber. Take a look at the options below and check out their unique benefits.



### Steel

Constructed using premium grade galvanised steel, Cardale doors are both secure and corrosion resistant, whilst remaining cost effective. A host of finishes is available on selected ranges, including Textured Plastisol, Laminated Wood Effect, Coloured Coated Paint and Pre-finished, or choose from one of our fully finished painted options. Available on the Up and Over, Sectional, Side Hinged and Steel Roller ranges.



### Timber

Every timber door produced is unique - hand crafted using cedar from managed sustainable sources. The huge range of styles to choose from are supplied base coat stained for finishing to a colour of your choice. Alternatively you can choose a hand finished door in one of the four woodtones available in the Up and Over, and Side Hinged ranges.



### GRP

With the same strength to weight ratio as steel this composite material is incredibly robust and is used in the yachting industry due to its durability against the ravaging effects of corrosive weather. Available in low maintenance high gloss white and incredibly lifelike timbergrain effect woodtones, these doors are virtually maintenance free.



### ABS

Impact resistant white ABS is the perfect match to complement white PVCu windows and doors and is virtually maintenance free. The material itself is very forgiving against knocks from car bumps and footballs, giving it that 'bounce-back' ability. ABS doors are available in the Up and Over range and side hinged.



### Insulated Aluminium Roller Doors

The insulated aluminium lath design is ideal if the garage is used as a workspace or there is a bedroom above it, preventing the heat from escaping and the cold from entering. This door is even capable of withstanding a hurricane! The laths are available with vision slats and in a range of finishes and sizes in the Thermaglide Roller Door range.

Cardale doors are designed with safety very much in mind and include a host of features to help prevent accidents.

Cardale doors are inherently very safe and are tested to the latest standards.

The electric operation on Thermaglide doors features the LightGrid which stops and reverses the door operation if an obstruction is detected, helping prevent injury or damage. This is a state of the art 'non-contact' safety feature, ensuring the door cannot close when any obstacle is in the opening. An integral courtesy light adds to the safety features, and internal manual operation is available for emergency use in the event of a power failure.



## LightGrid state of the art safety system

Complete kit, with connection leads and installation accessories

### Advanced

The system comprises 2 slimline tracks which are fitted to the back of the door guides. The tracks are equipped with optical elements which produce an invisible array of infra-red beams in a cross grid pattern

### Durable

The system is CE marked and fully sealed to Category IP65 suitable for openings 1.6m - 6m

### Foolproof

The grid tracks are virtually self-aligning and feature LEDs to indicate correct alignment and function

### Pre-detection

The LightGrid helps prevent the chance of an accident

### Reliable

The LightGrid is ultra reliable with a hard wired design

## Automation

Cardale doors are designed for automation, which further increases the safety and security of not only your garage but your entire property. With such convenience at your fingertips you will wonder how you ever got by without this added luxury.



## Side hinged



Cardale doors are complete with Euro profile night latch, deadlock, shoot bolts and four anti-drop anchored dog bolt hinges per door leaf, for dependable security. Side hinged doors can be automated for additional security and safety.

Corrosion resistant garage doors, manufactured in Britain from premium grade galvanised steel and finished in white primer for easy finishing to the colour of your choice.

Black Euro handle fitted on each door unless otherwise specified.

## Olympian



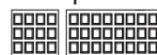
## Vogue



## Bedford



## Brompton



## Gatcombe



## Georgian



- A wide range of popular designs at low cost
- Unique deep pressed panels giving a high level of panel detail
- Multi-stage anti-corrosion treatment
- Special steel bracing to reinforce the panel without adding excessive weight
- Choice of Trackless Canopy or Slideaway lifting gear for effortless operation
- Cardale high security multi-point locking system as standard
- Optional flush lock available on Gemini or Europa

## Side hinged doors

Cardale pre-finished garage doors are available as side hinged doors in the following styles:

<b>1/2 - 1/2</b>	<b>1/3 - 2/3</b>
Brompton	Georgian
Gemini	Gemini

All doors are complete with a 65mm frame.

Doors are supplied with a lock hole unless specified otherwise.

Doors open outwards only, with the lock on the right when viewed from the outside.

Left hand opening available as an option.

Cardale side hinged doors offer the following features:

- Centre overlap to help prevent forced entry and reduce draughts
- Four pairs of dog bolt security hinges
- High security Euro profile night latch
- Twin shoot bolts top and bottom for added security
- Stays to prevent door opening further than 110 degrees



Brompton



Gemini



Georgian

## Haven



## Chevron

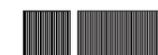


## Europa II



Europa I available on request

## Gemini



## Berkeley Vertical



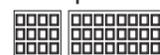
The painted range of Cardale steel doors is available primed in white for finishing in your choice of colour or factory finished in deep textured paint to one of eight classic colours. The deep textured paint finish is incredibly durable and resistant to scuffing and comes with a ten year guarantee.

When selecting a framed door it can be supplied with a frame matched to the colour of the door, or white as standard.

Black Euro handle fitted on each door unless otherwise specified.



## Brompton



Conker Brown RAL8017

## Olympian



Oxford Blue RAL5013

- A wide range of popular designs at low cost
- Unique deep pressed panels giving a high level of panel detail
- Multi-stage anti-corrosion treatment
- Special steel bracing to reinforce the panel without adding excessive weight
- Choice of Trackless Canopy or Slideaway lifting gear for effortless operation
- Cardale high security multi-point locking system as standard
- Optional flush lock available on Gemini or Europa

## Vogue



Oxford Blue RAL5013

## Gemini



Metallic Grey Special

## Georgian



Ebony Black RAL9005

## Side hinged doors

Cardale fully finished garage doors are available as side hinged doors in the following styles:

- |                  |                  |
|------------------|------------------|
| <b>1/2 - 1/2</b> | <b>1/3 - 2/3</b> |
| Brompton         | Georgian         |
| Gemini           | Gemini           |

All doors are complete with a 65mm frame.

Doors are supplied with a lock hole unless specified otherwise.

Doors open outwards only, with the lock on the right when viewed from the outside.

Left hand opening available as an option.

Cardale side hinged doors offer the following features:

- Centre overlap to help prevent forced entry and reduce draughts
- Four pairs of dog bolt security hinges
- High security Euro profile night latch
- Twin shoot bolts top and bottom for added security
- Stays to prevent door opening further than 110 degrees



## Haven



White RAL9016

## Chevron



Monarch Red RAL3003

## Europa II



Mushroom Grey BS10A05

Europa I available on request

## Gatcombe



Conker Brown RAL8017



## Berkeley Vertical



White RAL9016

## Bedford



Balmoral Green RAL6005

The exterior face of these doors is finished with a high performance, low maintenance Plastisol finish to protect the steel door surface from the elements.

Black Euro handle fitted on each door unless otherwise specified.

## Olympian



## Sheraton (glazed)



## Vogue

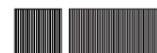


Plastisol is highly durable, providing excellent protection against corrosion and is guaranteed to resist fading or colour change for up to 10 years. Plastisol has excellent abrasion resistance and will not easily scratch or scuff.

## Sheraton



## Gemini



- Unique deep pressed panels giving a high level of panel detail
- Multi-stage anti corrosion treatment
- Special steel bracing to reinforce the panel without adding excessive weight
- Choice of Trackless Canopy or Slideaway lifting gear for effortless opening and closing
- Flush lock not available on Plastisol doors

## Georgian



## Side hinged doors

Cardale Plastisol garage doors are available as side hinged doors in the following styles:

<b>1/2 - 1/2</b>	<b>1/3 - 2/3</b>
Sheraton	Georgian
Gemini	Gemini

All doors are complete with a 65mm frame.

Doors are supplied with a lock hole unless specified otherwise.

Doors open outwards only, with the lock on the right when viewed from the outside.

Left hand opening available as an option.

Cardale side hinged doors offer the following features:

- Centre overlap to help prevent forced entry and reduce draughts
- Four pairs of dog bolt security hinges
- High security Euro profile night latch
- Twin shoot bolts top and bottom for added security
- Stays to prevent door opening further than 110 degrees



Sheraton



Gemini



Georgian

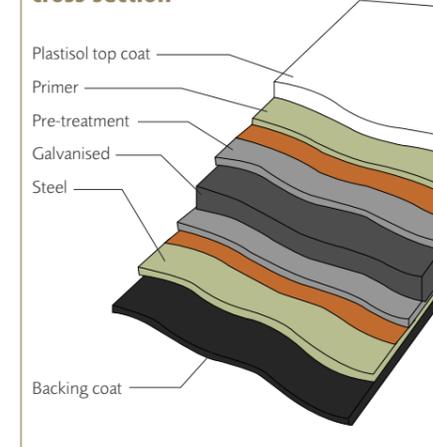
## Bedford



## Chevron



## Cardale garage door cross section



With minimal care a Cardale garage door coated with Plastisol will stay looking as good as new, will not deteriorate and does not require painting.

## Haven



## Europa II



Europa I available on request

## Jacobean



## Gatcombe



Berkeley Vertical available on request

The Cardale Golden Oak finishes are a smooth woodgrain that is an excellent match to the popular UPVC door and window finishes.

Black Euro handle fitted on each door unless otherwise specified.

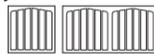
## Berkeley Vertical



## Sheraton (glazed)



## Jacobean



- Unique deep pressed panels giving a high level of panel detail
- Multi-stage anti corrosion treatment
- Special steel bracing to reinforce the panel without adding excessive weight

## Sheraton

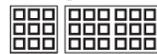


- Choice of Trackless Canopy or Slideaway lifting gear for effortless opening and closing
- Cardale high security multi-point locking system as standard
- White rear door finish
- Optional flush lock available on Gemini or Europa

## Gemini



## Georgian



## Side hinged doors

Cardale Golden Oak garage doors are available as side hinged doors in the following styles:

<b>1/2 - 1/2</b>	<b>1/3 - 2/3</b>
Sheraton	Georgian
Gemini	Gemini

All doors are complete with a 65mm frame. Doors are supplied with a lock hole unless specified otherwise.

Doors open outwards only, with the lock on the right when viewed from the outside. Left hand opening available as an option.

Cardale side hinged doors offer the following features:

- Centre overlap to help prevent forced entry and reduce draughts
- Four pairs of dog bolt security hinges
- High security Euro profile night latch
- Twin shoot bolts top and bottom for added security
- Stays to prevent door opening further than 110 degrees



Sheraton



Gemini



Georgian

## Haven



## Vogue

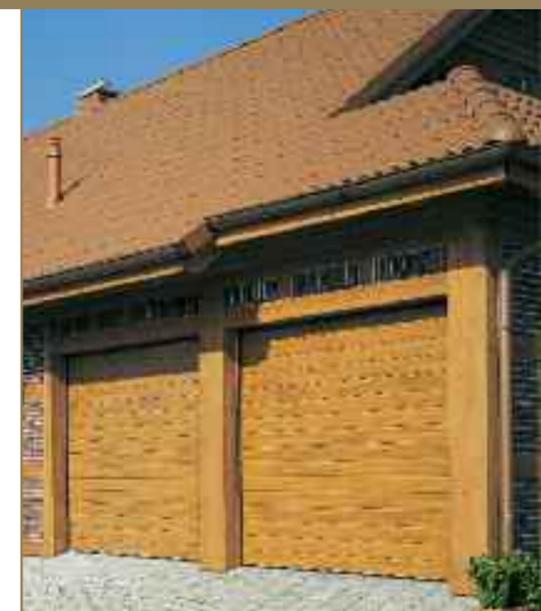


## Europa II



Europa I available on request

## Bedford



## Gatcombe



Cardale Rosewood finishes are a smooth woodgrain that is an excellent match to the popular UPVC door and window finishes.

Black Euro handle fitted on each door unless otherwise specified.

### Berkeley Vertical



### Sheraton (glazed)

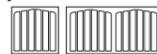


### Sheraton



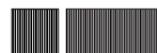
- Unique deep pressed panels giving a high level of panel detail
- Multi-stage anti corrosion treatment
- Special steel bracing to reinforce the panel without adding excessive weight

### Jacobean



- Choice of Trackless Canopy or Slideaway lifting gear for effortless opening and closing
- Cardale high security multi-point locking system as standard
- White rear door finish
- Optional flush lock available on Gemini or Europa

### Gemini



### Georgian



## Side hinged doors

Cardale Rosewood garage doors are available as side hinged doors in the following styles:

<b>1/2 - 1/2</b>	<b>1/3 - 2/3</b>
Sheraton	Georgian
Gemini	Gemini

All doors are complete with a 65mm frame. Doors are supplied with a lock hole unless specified otherwise.

Doors open outwards only, with the lock on the right when viewed from the outside. Left hand opening available as an option.

Cardale side hinged doors offer the following features:

- Centre overlap to help prevent forced entry and reduce draughts
- Four pairs of dog bolt security hinges
- High security Euro profile night latch
- Twin shoot bolts top and bottom for added security
- Stays to prevent door opening further than 110 degrees



Sheraton



Gemini



Georgian

### Haven



### Vogue



### Europa II



Europa I available on request

### Bedford



### Gatcombe



ABS doors are made from a tough yet flexible material commonly used to make car bumpers, so when it's knocked, the door panel flexes then bounces back as good as new. Fully bonded steel stiffeners at the rear of all ABS doors reinforce the panel and help protect against forced entry. If you are looking for a garage door that's going to withstand the knocks and bumps of family life, you need look no further than ABS.

- Impact and dent resistant white ABS panels
- Easy finish simply wiped down with a soft cloth and warm water
- Black Euro handle fitted on each door unless otherwise specified
- Matches PVCu windows and doors
- Low maintenance finish
- Strong lightweight construction weighing less than 2/3 of a traditional steel door
- UV fast low gloss brilliant white finish guaranteed for 10 years
- Choice of Trackless Canopy or Slideaway lifting gear for effortless operation

### President



### Side hinged doors

Cardale ABS garage doors are available as side hinged doors in the following styles:

**1/2 - 1/2** Bedford, Tudor, Berkeley Vertical, Senator

**1/3 - 2/3** Regal  
All doors are complete with a 65mm frame. Doors are supplied with a lock hole unless specified otherwise. Doors open outwards only, with the lock on the right when viewed from the outside.

Left hand opening available as an option.

Cardale side hinged doors offer the following features:

- Centre overlap to help prevent forced entry and reduce draughts
- Four pairs of dog bolt security hinges
- High security Euro profile night latch
- Twin shoot bolts top and bottom for added security
- Stays to prevent door opening further than 110 degrees



Senator



Regal



Bedford



- Multi point locking as standard
- Side hinged and personnel doors available to suit style of door
- Ideal for automation
- Optional low maintenance frame

### Victoriana



### Regal



### Senator



### Berkeley Vertical



### Vertical



### Horizontal



### Jacobean



### Tudor



### Bedford



### Berkeley Horizontal



Stunning garage doors made in Britain from durable, solid Cedar wood tongue and groove boards and mouldings.

Cardale's range of timber garage doors highlights the natural beauty and quality of timber. Hand crafted from the finest Cedar these doors have the quality and status to enhance the front of any home. A carefully selected range of styles is designed to appeal to the most discerning homeowner.

Black Euro handle fitted on each door unless otherwise specified.

## Gatcombe



- Steel or aluminium chassis with steel bracing to reinforce the door without adding excessive weight
- Choice of Trackless Canopy, Slideaway Retractable or optional Maximizer Retractable lifting gear for effortless opening and closing
- Supplied with basecoat treatment for final finishing to the colour of your choice
- Fully finished option available in a choice of four colours, with a 2 year guarantee
- Cardale MultiLatch security locking system as standard
- Matching pairs available, please specify when ordering



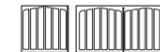
## Cotswold



## Horizontal



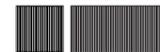
## Tudor



## Bedford



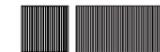
## Berkeley vertical



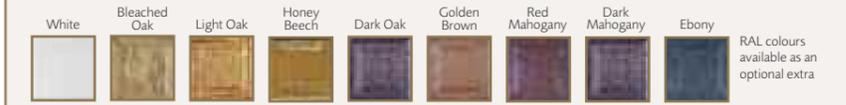
## Chevron



## Vertical



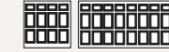
A luxury range of low maintenance GRP garage doors exclusively available from Cardale. Glasswood is a highly detailed timbergrain GRP finish with all the luxury of real timber looks, and Glasswhite is a crisp white panel.



## Hambledon II



## Lyndhurst II



## Sutherland



## Nelson



## Georgian II



## Chelsea II





## Thermaglide 77

### Good looks inside and out

The outside of the Thermaglide 77 is simply stunning, the inside equally impressive. Whether you choose the standard white or mocca guides or upgrade to matching guides and roll box, the installation is incredibly neat and compact - no wasted space inside your garage!

### Practical high performance

Remote control as standard makes operation effortless. The door is practical too - vertical travel allows "park right up" convenience inside and out and provides maximum drive through width and height for MPVs and 4x4s gaining up to 150mm when replacing a conventional door and frame. It also allows the door to fit garage openings of all shapes and sizes.

Foam filled aluminium laths help insulate against heat loss and noise, ideal if your garage is under a bedroom or you use your garage space as a workshop.

### Security as standard

The combination of side runners, extruded top and bottom lath and auto-positive locking with anti-lift geometry locking straps makes Thermaglide 77 extremely secure. The door is fully automated so there is no lock to pick or force! Rolling code technology in the control system ensures criminal "code grabbing" is eliminated. If that is not enough, an ear piercing 98dB built-in alarm is available as an optional extra and sounds if the bottom of the door is forced up - the ultimate deterrent.



## Thermaglide 55

### All the features only smaller!

Where headroom is especially tight, the Thermaglide 55 has all the features of the Thermaglide 77 but requires only 205mm of headroom and is now available up to 3.0 metres wide and 2.3 metres high.

### Looks good inside out!

The door can also be fitted to the exterior front face of the garage, the ideal solution for flat roof garages with no internal headroom. All finishes with the exception of laminate woodgrains can be fitted externally.

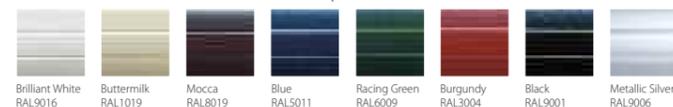
### Note:

Thermaglide 55 doors are only available in Brilliant White, Mocca, Racing Green, Black, Golden Oak and Mahogany as standard, all other colours are available as options.

Please note that the colour of the bottom lath may vary slightly from the rest of the door. Teak doors are supplied with a solid brown bottom lath and guides.



### Standard colours - low maintenance powdercoat



### Optional low maintenance high grade Woodgrain Laminate



**Optional colours - Available in any standard RAL colour. Price premium applies**



ROLLER GARAGE DOORS

Cardale Steel-line roller doors are a design proven for exceptional durability and long term performance. Simple, clean lines and an excellent colour choice are just part of the appeal of the Steel-line door.

- Doors are designed for manual and automatic operation - Easyglide spring assisted operation ensures all doors are easy to operate by hand
- The Steel-line Slimdrive remote control openers make automation easy
- Vertical travel gives 'park right up' convenience
- The attractive horizontal steel ribbed design is inherently very strong and, as a result, very secure
- Key operated twin locking bars secure the door in the closed position
- Security can be further increased with the Rollguard anti-lever security package
- Available with high performance Plastisol coating or a high grade laminate woodgrain finish to the front face of the door and a grey powder coat to the rear



## Personnel doors

Personnel doors are popular as a side entrance to a garage. They are pre-framed and come complete with a Euro profile night latch and deadlock and four anti-drop anchored bolt hinges per door leaf. Doors open outwards only, with the lock on the right when viewed from the outside. Left hand opening available as an option.



Gemini

Georgian

Available in the following finishes to match the door ranges:  
Pre-finished  
Painted  
Plastisol  
Golden Oak  
Rosewood

## Softwood timber side hinged doors

These side hinged doors are pre-framed and come complete with a Euro profile night latch, a pair of door stays, two monkey tail shoot bolts and four anti-drop anchored dog bolt hinges per door leaf. Doors open outwards only, with the lock on the right when viewed from the outside. Left hand opening available as an option.



Bedford

Vertical

Doors supplied in natural softwood, ready for painting or staining. This standard specification represents the highest quality and value combination available - choose a Cardale side hinged door.

Doors shown for illustration purposes only.



## Advanced security features

All Cardale doors feature multi-point locking, a handle with a separated non-mastered lock recessed into a steel stiffener, advanced steel bracing across the back of the door to help prevent forced entry and anti-lever devices on the side spindles.



### Door handle position

The door handle position will vary according to the lifting gear selected. On canopy gear the handle is in the upper portion of the door, on retractable gear the handle is positioned in the lower portion.



## Garage door operators



### Cardale 650

Traction force 600N, suitable for doors up to 4300mm wide

### Cardale 800

Traction force 800N, suitable for doors up to 5000mm wide

Cardale garage door operators are equipped with reliable and proven technology you can rely on.

- The automatic obstruction detection ensures optimum protection, particularly useful for families with children.
- The self-locking motor ensures effective protection against break-ins or entry by strangers.
- No additional locking mechanism is necessary for the Cardale garage door operators.
- The Cardale emergency release system means the door can be opened (unlocked) and locked manually in any position. Your garage door is locked (closed) during a power failure as well. This offers you optimal safety in any situation.
- The control box is separate from the track and motor. This means you can locate it on a wall near to an existing power socket and simply plug it in. A 5 metre low voltage cable connects the control box to the track.
- Simple to install - a power socket is not required on the ceiling and no electrician is needed, meaning there are no Part P compliance worries.
- Gives 2 speed travel - the start and end of the motor movement are softened to give a quiet opening and closing cycle, (avoiding noisy door slam).
- Cardale operators are compatible with a wide range of accessories, including light barriers, external keypads and integrate with Cardale home automation products.



Each Cardale operator is supplied with one 2 command transmitter and one 4 command transmitter



### 2 command transmitter

- Up to two applications possible
- Modern, compact design



### 4 command transmitter

- Up to four applications possible
- Dust-proof housing
- Modern, compact design in stainless steel
- Keypad cover prevents unintentional activity
- Practical retainer clip on the reverse and the option of fastening on a keyring pendant

## Glazing



Bedford doors only available with Black or Stippled glazing

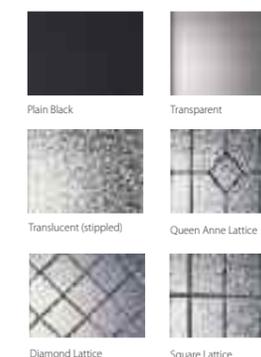
Selected Cardale garage door designs are available with glazing, with a range of attractive designs to blend with your house windows and doors. If the door does not have glazing in its standard design, the window panels will be fitted to the top design detail. Window surrounds on the Bedford doors are available in white or black only.

Glazing for Cardale up & over and side hinged doors is available in plain black, translucent or transparent finishes and in a range of lattice and feature styles.

The feature designs are hand laid using coloured films and antiqued lead.

Transparent or clear windows are see-through and allow light into the garage. Translucent windows have a stippled effect which allows light into the garage but are not see through. Plain black windows are decorative only and don't allow any light into the garage.

Glazed windows are constructed from shatter resistant polycarbonate with a stippled, translucent anti-reflectant finish.



## Frames



When you invest in a new Cardale garage door we recommend you renew your existing door frame. If the frame is in poor condition, rotten or detaching from the brickwork, you will not receive the full benefits from your new door and safety may also be compromised.

Up and over doors are available with the option of a frame and it is a recommended choice for a high quality installation. Single doors (up to 2438mm/8'0" wide) are supplied pre-framed and double doors (over 2438mm/8'0" wide) are supplied with the frame as a knock down kit for assembly when the door is installed.

Side hinged and personnel doors are supplied framed as standard. Frames are available in the same finish options as shown for steel up and over doors. Roller garage doors have integral guide channels.

## Handles



A brass effect finger pull is supplied with side hinged doors and personnel doors.



ABS, GRP and timber up and over doors are supplied with a black handle as standard, with an option of a brass effect handle at an additional charge.

## Draughtstrip



A bottom edge brushstrip is available as an option to fit all Cardale up an over doors. Ideal for uneven floor surfaces, the brushstrip will help prevent leaves, dirt and draughts blowing into your garage.