Cardale Door Range

THE BEST OF BRITISH GARAGE DOORS

cardale

GARAGE DOORS

Welcome to Cardale Garage Doors

With a reputation built on reliability, safety and security, Cardale offers you the very latest in garage door technology.

Cardale is British owned and we have been manufacturing garage doors in the UK for over 50 years. We are sure you'll find exactly the right door for your home amongst Cardale's range - no one offers more choice!

The name Cardale represents the best, that's why our garage doors are chosen by some of the UK's leading residential housebuilders for superior quality and value.

Cardale.co.uk

The Best of British Garage Doors

MADE IN BRITAIN
CARDALE
THE BEST OF BRITISH GARAGE DOORS

Full product warranty details
Scan the QR code

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What's in the small print?

For full Terms and Conditions, scan the QR code

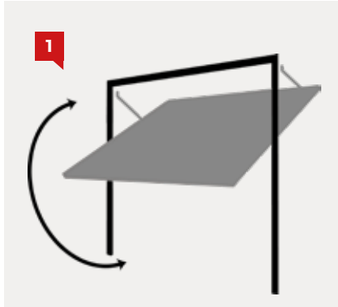
WHICH DOOR?

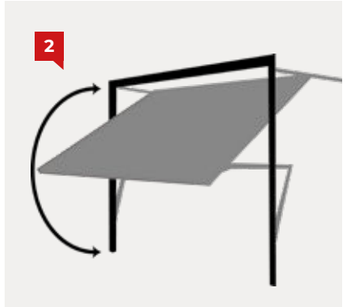
Getting your garage door right is important, especially since it is something that keeps valuables safe and gives a great first impression. It isn't just about picking out whichever you think looks the best, there are other details to also take into consideration. This quick guide will help you come to the right decision.

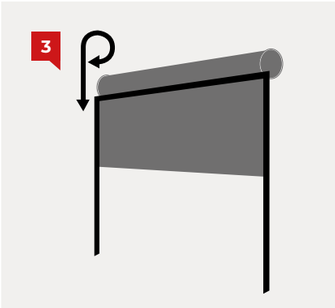
Cardale offer ranges of doors operating in several different ways. Depending on your preference and the physical characteristics of your garage, some types of operation may be more suitable for you than others. The information here will give you an insight into the choice of operating mechanisms and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

Selecting the right opening

There are a few factors to consider before finding the perfect door for your home or commercial building. To help you find the right type of garage door, consider the building and space you have to work with, including the ceiling height.

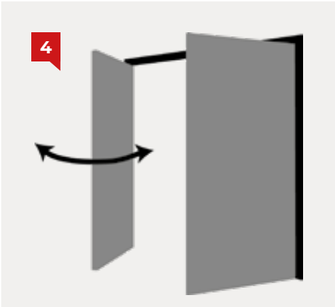


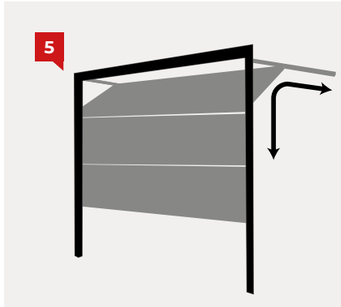




Manufacturing garage doors for over 50 years, Cardale has brought many innovations and firsts to the garage door industry:

- Cardale introduced the concept of the 'panel door', from which the majority of today's garage door designs are derived!
- Cardale designed the Bedford up and over door, the first to give the appearance of traditional side hinged doors





Canopy Doors

1 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.

Retractable Doors

2 An alternative lifting gear for use with up and over 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.

Roller Doors

3 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 the Thermaglide range.

Side Hinged Doors

4 Popular 'traditional' operation and ideal if there are obstructions within the garage. Excellent security and very durable construction ensure long trouble-free service.

Sectional Doors

5 Vertical opening allows 'park-right-up' convenience, whilst the extension or torsion spring operation gives a super smooth mechanism. Enclosed moving parts and push away joints to the panels make for finger safe operation.

SAFETY
is our number one priority

Safety Sensor

Safety sensors are designed to prevent accidents.

When something stops the path, the door will automatically stop, and then reverse direction.

Alarms* add an extra layer of protection and operate much like window locks; if tampered with, they'll emit a loud alarm*.

Safety Performance

Cardale garage doors are fully compliant with legislation that ensures that the products meet a number of safety and performance factors.

Safety devices such as anti-drop mechanisms and obstruction detection systems are just some of the features that are an integral part of our product range.

Safety Requirements

The safety of any automation system is only as good as its installation.

The UKCA mark confirms that the product meets all the safety requirements but the installation itself is covered under the 'Declaration of Incorporation'.

*Alarms as standard on Thermaglide 55 and 77 (roller door) products

SECURITY

> "Cardale security is undoubtedly Best in Class"

What makes Cardale most popular is our secure doors, offering you more protection and peace of mind.

Our garage doors are fully automated so there is no lock to pick or force! Rolling code technology in the control system ensures criminal 'code grabbing' is eliminated.

The Cardale garage door operator features an anti-thief 'backdrive' that gives further protection against unauthorised entry and an integral courtesy light illuminates the garage interior. Roller door emergency sensors with a 90 decibel alarm* and auto-positive locking with anti-lift geometry locking straps also make Cardale garage doors extremely secure.

The Cardale 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 providing optimal safety.

Cardale garage door self-locking motor provides homeowners with extra peace of mind

Garage door alarms* operate much like window locks; if they sense motion, they'll emit a loud alarm*. Cardale garage door operators are equipped with reliable proven technology you can rely on. The self-locking motor ensures effective protection against break-ins.

*Alarms as standard on Thermaglide 55 and 77 (roller door) products

Secured by Design is Tested and Approved to Police and Insurance Standards

Cardale Secured by Design doors are certified to CS 5051 STS202 which is approved by ACPO, The Association Of Chief Police Officers.

Secured by Design doors are bespoke and made to order; see page 12 for our range of Secured by Design doors.

automation

convenience at your fingertips

Cardale garage door operators feature the latest reliable technology.

- The automatic obstruction detection ensures optimum protection, particularly useful for families with children
- The self-locking motor ensures effective protection against break-ins
- 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, providing optimal safety
- Two-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 and external keypads, and integrate with Cardale home automation products

The Sectional Door operator system not only offers maximum convenience during operation, but also during installation. It is not fixed to the ceiling like conventional operators, but simply integrated into the side garage door track - either on the left or the right depending on the structural conditions. Therefore, no ceiling assembly is required and any installation problems are ruled out from the outset.

All structural components are pre-assembled in the factory and dimensionally accurate - simply insert them together. The wear-resistant, maintenance-free toothed belt lies well-protected in the garage door track, guaranteeing maximum operational reliability, long service life and quiet, smooth running.

1. **Cardale DC650T**
   Traction force 650N for doors up to 4300 wide x 2134 high (<90kg)
2. **Cardale DC800T**
   Traction force 800N, for doors up to 5000 x 2438 high (>90kg)
3. **Vertiport**
   For sectional doors only up to 5500 x 3000 wide

energy efficient

If you are looking to achieve better energy efficiency throughout your home, or convert your garage into a home office or gym, then consider an insulated garage door as a whole-house approach to completing the insulation envelope around your home.

Benefits of an Insulated Garage Door

- Cuts energy costs and saves you money by reducing thermal exchange in your home
- Reduces outdoor noise with the vibration absorbent insulation system
- Gives you that extra space by utilising your garage for a home office, workshop or gym.
- Improve the look and street appearance of your home with a stunning garage door and boost your home's resale value
- Reduces greenhouse gas emissions by lowering energy consumption

To see our full range of insulated garage doors please see pages 34-45.

PAGES 34-45

Energy Efficient Insulated Garage Doors

more space

Valuable space is not taken up when you can park right up to your garage door, with Cardale roller doors and sectional doors.

We've designed our garage doors to be a highly flexible, secure and attractive choice for your home.

They're practical for when you have limited space, particularly if you need to park close to your garage.

Lightweight and easy to open, they slide up vertically without 'opening out' like an up and over door. This means that you save around 3 feet of clearance space compared with a standard garage door. They're also ideal if you have a wider vehicle, as they don't need a door frame.

more light

Don't be kept in the dark!

Cardale lighting options will create more light inside of your garage space.

Lighting is fitted discreetly with your Cardale door operator and can be set to turn on and off automatically according to when you use your garage door. Alternatively it can be left on as a security light outside and add additional lighting to your driveway or outside area.

more colour

Whether your home is modern or traditional, our steel door colour collection gives you the ability to create the right colour scheme for your garage door.

Essential Colours

3 of the best selling stunning textured steel finishes

- Traffic White RAL 9016
- Jet Black RAL 9005
- Anthracite Grey RAL 7016

Standard Colours

A choice of 10 stunning textured steel finishes available in our most popular standard colours. Also available in Golden Oak and Rosewood as shown on page 19.

- Midnight Blue RAL 5011
- Balmoral Green RAL 6005
- Chartwell Green BS4800
- Monarch Red RAL 3003
- Conker Brown RAL 8017
- Signal Grey RAL 7004
- Agate Grey RAL 7038
- Light Grey RAL 7035
- Window Grey RAL 7040
- Stone Grey RAL 7030

Elite Colours

A choice of 6 stunning colours in a textured steel finish available in a brand new exciting colour range for those who want something a little more special!

- Clay Brown RAL 8003
- Oxford Blue RAL 5013
- Cherry Brown Chroma 3353
- Slate Grey RAL 7015
- Fir Green RAL 6009
- Cream RAL 9001

Signature Range We offer RAL colour options, that are not part of our Standard or Elite colour ranges. Price on application

Notes on Colour: Door guides and boxes are available in colours matching the door curtain, except laminate door colours, (supplied in white). Coloured guide rails are supplied as standard, however, they may not match the lath colour. The manufacturing process for the lath profile results in a textured finish, whilst all other coloured items (guides, bottom laths, optional fascias and vision panels) are supplied in a satin finish, so cannot be guaranteed to match exactly. Over time some scuffing may occur on the front and rear surfaces of doors as a result of their normal operation. Accuracy of colours shown is limited by printing process. Please note that the colour of the bottom lath may vary slightly from the rest of the door.

Secured By Design Doors by Cardale

Secured by Design
SBD
Police Preferred Specification

Bedford | Chartwell Green

Secured by Design is tested and approved to police and insurance standards

Cardale Secured by Design doors are certificated to CS 5051 STS202 which is approved by ACPO, The Association Of Chief Police Officers.

Secured by Design doors are bespoke and made to order, and are available in a range of Standard and Elite colours as well as any other RAL colour.

Essential Colours

3 of the best selling stunning textured steel finishes

Traffic White RAL 9016	Jet Black RAL 9005	Anthracite Grey RAL 7016

Signature Range

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All colour samples depicted in this brochure are as close to the original manufacturer's colours as possible. Garage doors supplied may vary in colour from the brochure representation.

Advantages at a glance

- Spring-assisted retractable action for smooth running
- Door slides up and over into the garage, providing safe and very reliable operation
- Factory fitted steel frames as standard, 70mm wide
- All up and over garage doors are supplied with our black 'D' handle.

Cardale Secured by Design up and over garage doors can only be supplied in a pre-hung factory finished steel fixing frame, which makes installation simple and eliminates the need for a timber frame which can warp or rot over time.

Bedford | Signal Grey

Europa II | Clay Brown

Gemini | Midnight Blue

Security

is at the forefront of our designs

Heavy duty strengthening ribs

To meet the exacting standards we have increased the number of door braces at the rear of the door.

Heavy duty springs

Multi springing ensures smooth operation of the reinforced door.

Secure locking brackets

Three-point solid bar locking fully supported across the width of the door.

Inside locking handle

The reinforced locking barrel includes a key for locking and unlocking from the inside of your garage. The door is fully operational from both inside and outside of your garage.

White Powder Coated Steel Doors by Cardale

Cardale 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.

1. A wide range of popular designs at a low cost
2. Unique deep pressed panels giving a high level of panel detail
3. Multi-stage anti-corrosion treatment
4. Special steel bracing to reinforce the panel without adding excessive weight
5. Choice of canopy or retractable lifting gear for effortless operation

Berkeley Vertical | White Powder Coated

Olympian | White Powder Coated

Europa II | White Powder Coated

Powder Coated Steel Doors are all galvanised steel and polyester powder coated in White, Black or Grey as standard.

Gatcombe | White Powder Coated

Gemini | White Powder Coated

Bedford | White Powder Coated

Haven | White Powder Coated

Vogue II | White Powder Coated

Sheraton | White Powder Coated

Sheraton Glazed | White Powder Coated

Georgian | White Powder Coated

Black Cardale handle fitted on each door unless otherwise specified.

Side hinged doors

Cardale pre-finished garage doors are also available as side hinged doors. For full details see pages 22-23.

Steel Coloured Doors
by Cardale

Bedford | Anthracite Grey

Cardale corrosion-resistant fully finished garage doors, manufactured in Britain from premium-grade galvanised steel. Finished in an incredibly durable finish, they are available in any Standard or Elite colour of your choice.

1. Frame can be matched to the colour of the door, or supplied white as standard
2. Unique deep pressed panels giving a high level of panel detail
3. Multi-stage anti-corrosion treatment
4. Special steel bracing to reinforce the panel without adding excessive weight
5. Choice of canopy or retractable lifting gear for effortless operation

Essential Colours

3 of the best selling stunning textured steel finishes

Traffic White RAL 9016	Jet Black RAL 9005	Anthracite Grey RAL 7016

Signature Range

We offer RAL colour options, that are not part of our Standard or Elite colour ranges. Price on application

Standard Colours

A choice of 10 stunning textured steel finishes available in our most popular standard colours. Also available in Golden Oak and Rosewood as shown on page 19.

Midnight Blue RAL 5011	Balmoral Green RAL 6005	Chartwell Green BS4800	Monarch Red RAL 3003	Conker Brown RAL 8017
Signal Grey RAL 7004	Agate Grey RAL 7038	Light Grey RAL 7035	Window Grey RAL 7040	Stone Grey RAL 7030

Elite Colours

A choice of 6 stunning colours in a textured steel finish for those who want something a little more special!

Clay Brown RAL 8003	Oxford Blue RAL 5013	Cherry Brown Chroma 3353	Slate Grey RAL 7015	Fir Green RAL 6009	Cream RAL 9001

All colour samples depicted in this brochure are as close to the original manufacturer's colours as possible. Garage doors supplied may vary in colour from the brochure representation.

Sheraton Glazed | Traffic White

Cardale up and over doors are bespoke and made to order

SIDE HINGED DOORS

Cardale fully finished garage doors are also available as side hinged. Please see page 22-23.

Cardale garage door handle is fitted in Black as standard.

Haven | Cream

Vogue II | Traffic White

Gemini | Chartwell Green

Sheraton | Balmoral Green

Olympian | Oxford Blue

Georgian | Signal Grey

Gatcombe | Agate Grey

Europa II | Anthracite Grey

Berkeley Vertical | Conker Brown

Golden Oak & Rosewood Finished Steel Doors

Berkeley Vertical Golden Oak

Cardale corrosion-resistant garage doors are manufactured in Britain from premium-grade galvanised steel and finished in Golden Oak and Rosewood smooth woodgrain effect. They make an excellent match to the popular woodgrain PVCu door and window finishes.

1. White rear door finish
2. Unique deep pressed panels giving a high level of panel detail
3. Multi-stage anti-corrosion treatment
4. Special steel bracing to reinforce the panel without adding excessive weight
5. Choice of canopy or retractable lifting gear for effortless operation

Sheraton Golden Oak

Sheraton Glazed Rosewood

Factory finished steel fixing frame

Cardale up and over garage doors are supplied with an optional pre-hung factory finished steel fixing frame, which makes installation simple and eliminates the need for a timber frame. Open for infill doors have a maximum infill weight of 7kg/m². The Golden Oak chassis frame is RAL8003, The Rosewood chassis frame is RAL 3353.

Cardale Golden Oak and Rosewood finished garage doors are also available as side hinged doors. For full details see pages 20-21.

Gemini Golden Oak

Haven Rosewood

Europa II Golden Oak

Vogue I Rosewood **I**

Gatcombe Golden Oak

Bedford Rosewood

at a glance

1

Bespoke

Golden Oak and Rosewood doors are bespoke and made to order

2

Fully Automated

Remote control available on fully retractable doors

3

Premium Finish

Premium-grade galvanised steel in woodgrain effect

Black Cardale handle fitted on each door unless otherwise specified

Side Hinged Steel Coloured Doors by Cardale

Georgian | Fir Green

Cardale corrosion-resistant side hinged garage doors are manufactured in Britain from premium-grade galvanised steel. Finished in an incredibly durable finish, they are available in any Standard or Elite colour of your choice.

1. Centre overlap to help prevent forced entry and reduce draughts
2. Four pairs of dog bolt security hinges
3. High security Euro profile mortice lock
4. Twin shoot bolts top and bottom for added security
5. Stays to prevent the door opening further than 110 degrees
5. All side hinged doors are supplied complete with a 50mm frame

Essential Colours

3 of the best selling stunning textured steel finishes

Traffic White RAL 9016	Jet Black RAL 9005	Anthracite Grey RAL 7016

Signature Range

We offer RAL colour options, that are not part of our Standard or Elite colour ranges. Price on application

Standard Colours

A choice of 10 stunning textured steel finishes available in our most popular standard colours. Also available in Golden Oak and Rosewood as shown on page 19.

Midnight Blue RAL 5011	Balmoral Green RAL 6005	Chartwell Green BS4800	Monarch Red RAL 3003	Conker Brown RAL 8017
Signal Grey RAL 7004	Agate Grey RAL 7038	Light Grey RAL 7035	Window Grey RAL 7040	Stone Grey RAL 7030

Elite Colours

A choice of 6 stunning colours in a textured steel finish for those who want something a little more special!

Clay Brown RAL 8003	Oxford Blue RAL 5013	Cherry Brown Chroma 3353	Slate Grey RAL 7015	Fir Green RAL 6009	Cream RAL 9001

All colour samples depicted in this brochure are as close to the original manufacturer's colours as possible. Garage doors supplied may vary in colour from the brochure representation.

Glazing Options

The following Cardale side hinged doors are available with your choice of glazing options: Bedford*, Georgian, Senator, Sheraton II.

*Bedford comes with Stippled as standard.

Hardware Options

Lever Handles available in Black and Brushed Silver

Berkeley Horizontal | Chartwell Green

Berkeley Vertical | Conker Brown

Gatcombe | Signal Grey

Gemini | Oxford Blue

Bedford | Cream

Vogue II | Anthracite Grey

Sheraton | Agate Grey

Sheraton Glazed | Clay Brown

Haven | White

DuoPort Insulated Side Hinged Doors

In addition to providing high insulation values, the Cardale DuoPort side hinged doors offer you the possibility to use your garage as a utility room, for leisure time or hobbies.

You can choose whether to open both door leaves or only the active leaf, depending on your particular requirements. The use of high-quality and durable materials, top-quality processing and a wide variety of additional fittings give your garage a classic appearance in keeping with the style of your house and your personal taste.

Horizontal Rib

Large Rib

Georgian Panelled

Flush

Our DuoPort side hinged garage doors are available in Woodgrain White, Smooth White and a collection of rustic wood effects.

For further individualisation, you can choose from 14 top-coated, attractively priced Super-Colour colours as well as any other RAL colour.

Woodgrain

Smooth
depending on pattern

Super-Colour colours

- Moss Green RAL 6005
- Fir Green RAL 6009
- Light Grey RAL 7035
- Window Grey RAL 7040
- White Aluminium RAL 9006
- Stone Grey RAL 7030
- Grey Aluminium RAL 9007
- Quartz Grey RAL 7039
- Basalt Grey RAL 7012
- Dark Grey DB 703
- Slate Grey RAL 7015
- Anthracite Grey RAL 7016
- Nut Brown RAL 8011
- Sepia Brown RAL 8014

Rustic Wood effects

- Golden Oak SMOOTH
- Dark Oak SMOOTH
- Winchester SMOOTH
- Night Oak SMOOTH

Timber Up and Over Doors
by Cardale

Berkeley Vertical

Stunning garage doors handmade in Britain from the finest durable, solid Cedarwood tongue and groove boards and mouldings. These doors have the quality and status to enhance the front of any home.

1. Steel chassis with steel bracing to reinforce the door without adding excessive weight
2. Choice of Canopy or Slideaway Retractable lifting gear for effortless opening and closing
3. Supplied with basecoat treatment for final finishing to the colour of your choice
4. Special steel bracing to reinforce the panel without adding excessive weight
5. Fully finished option available in a choice of six colours
6. Matching pairs available, please specify when ordering

Timber Fully Finished Options

Cardale fully finished option is a factory finish process, the Sikkens product used is available in 5 attractive colours as illustrated.

For south facing situations exposed to strong sunlight the dark colours are not recommended, as they can store excessive heat and dry out. Timber doors are supplied with a basecoat stain as standard. They must be finished immediately after installation.

Cardale's range of **Timber Futura Garage Doors** highlights the natural beauty and quality of timber

Optional Extra

Handles are black as standard.
Other colours / finishes available

Stuart

Countryman

Tudor

Windsor

Vertical

Cardinal

Burley

Burley Vertical

Gatcombe

Cotswold

Bedford

Chevron

Timber Side Hinged Doors by Cardale

Bedford

Hand carved Timber Heritage Doors made in the UK

Cardale timber side hinged doors are bespoke and made to order

Side hinged handles available in Black and Silver.

Cardale timber side hinged garage doors are complete with a 50mm 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.

1. Centre overlap to help prevent forced entry and reduce draughts
2. Four pairs of dog bolt security hinges
3. High security Euro profile mortice lock
4. Stays to prevent the door opening further than 110 degrees
5. Fully finished option available in a choice of six colours

For south facing situations exposed to strong sunlight the dark colours are not recommended, as they can store excessive heat and dry out. Timber doors are supplied with a basecoat stain as standard. They MUST be finished immediately after installation.

Timber Colour Options

Light Oak | Mahogany | Rosewood

Light Oak | Golden Oak | Medium Oak

Teak | Walnut | Ebony

Stuart

Countryman

Tudor

Windsor

Vertical

Burley

Berkeley Vertical

Gatcombe

Cotswold

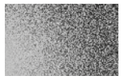
Bedford

Chevron

Glazing Options

Ibstock Cardale side hinged doors are available with your choice of glazing options

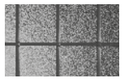
Transparent



Stippled

Black

Diamond Lattice



Square Lattice

Queen Anne Lattice

GRP Doors

A luxury range of low-maintenance GRP garage doors exclusively available from Cardale. 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 **Glasswhite** or **Glasswood** incredibly lifelike timber grain effect wood tones, these doors are virtually maintenance free.

Handles are black as standard. Other colours / finishes available

Kingston | Teak

Hambledon II Glasswood | Light Oak

Sutherland Glasswhite | Gloss Magnolia

Lyndhurst Glazed Glasswood | Honey Beech

Lyndhurst Glasswood | Woodgrain Red

Virginia Glasswood | Bleached Oak

Chelsea Glasswhite | Gloss Magnolia

Nelson Glasswood | Golden Brown

Winchester Glasswood | Bleached Oak

Georgian II Glasswhite | Gloss White

GRP Side Hinged and Side Doors

The Cardale range of GRP side hinged garage doors combine all the advantages and practicality of GRP with the convenience of a tried and tested form of operation.

GRP side hinged doors are handmade to order and are manufactured and finished to a very high specification.

Our side hinged garage doors have GRP panels built onto individual steel frames preventing any distortion and have an additional flow coat applied to the back of every door for improved aesthetic appearance. Side hinged garage doors are manufactured with equal sized leaves and open outwards to maximise available clear space inside the garage.

As standard the right hand leaf (viewed externally) opens first; left hand leaf opening is available on request.

1. Centre style between leaves for maximum security, preventing forced entry attempts.
2. Weather seals between frame and leaves for draught reduction.
3. Heavy duty steel hinges for maximum security and reliable operation.
4. Euro dead locking latch and black lever handles inside and out - as standard.

Side hinged handles available in Black and Silver.

Virginia Glasswood | Bleached Oak

Georgian II Glasswhite | Gloss White

Sutherland Glasswood | Ebony

Lyndhurst Glasswood | Honey Beech

GRP SIDE HINGED DOORS ARE BESPOKE AND MADE TO ORDER

Virginia Side | Teak

Cardale GRP Colour Range

Also available in any RAL colour, price on application.

THERMALIFT INSULATED

- sectional doors -

Taking the concept of the roller garage door to a new level

It out-performs the ordinary garage door for ease of use, insulation, finishes, safety and security.

Built-in Insulation

- Add the built-in insulation, which provides both a thermal and acoustic barrier, helping to control your energy bills, reduce noise and possibly your carbon footprint.

Insulated sectional steel doors are bespoke and made to order.

cardale GARAGE DOORS

Georgian Panelled | Thermalift20/45

Horizontal Rib | Thermalift20/45

Flush | Thermalift20/45

Large Rib | Thermalift20/45

Panelled Glazed | Thermalift45

MADE IN CARDALE BRITAIN
THE BEST OF BRITISH GARAGE DOORS

The very latest in innovation & technology

Cardale insulated sectional steel doors are comprised of individual sections connected together by hinges.

The door opens vertically into the garage and with no 'kick out' as it moves, providing you with up to three feet of increased drive length compared to up and over garage doors.

Sectional doors are also very attractive in design - high quality materials, incorporating the latest innovations in manufacturing technology together with a wide choice of options give your garage an individual look.

1

Bespoke

Thermalift insulated doors are bespoke and made to order

2

Fully Automated

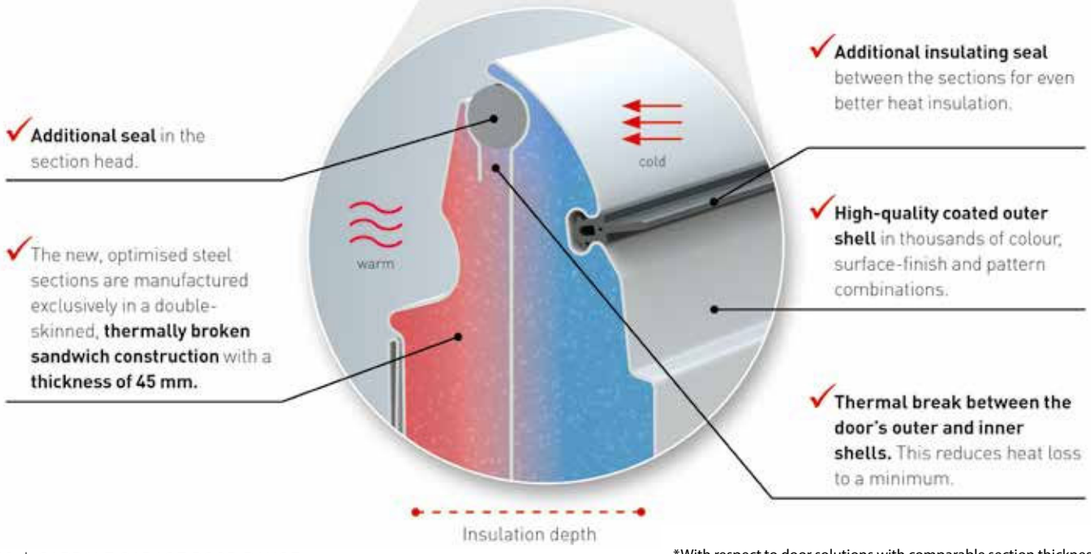
Remote control available

3

Premium Finish

Premium-grade galvanised steel in a range of stunning colours

NEW: Exceptionally good heat insulation thanks to the thermal break



*With respect to door solutions with comparable section thicknesses.
Performance dependant on door pattern and size

INTERNAL VALUES
What's behind the **Evo Thermalift 45**

1. **New: harmonious look for the inside door surface**
   A highlight of the Evolution premium door is the harmonious appearance of the inside of the door. The surface here is in Traffic white (similar to RAL 9016). In addition to the profiles or section end caps in RAL 9016, the outer colour of the door is also no longer visible on the inside as the door rolls up or down.

2. **New: thermal barrier**
   The exclusive thermally broken sections, with PUR rigid polyurethane foam core and additional seals between the sections, deliver even greater heat insulation.

3. **New: variable floor profile**
   The new floor profile on the bottom edge of the garage door compensates for minor floor unevenness of up to 10 mm, and long holes ensure high flexibility during installation.

4. **Great flexibility: optional spring technology**
   The Evolution premium door can be optionally equipped with multiple tension spring assemblies or torsion springs. The vertical tension springs require a smaller installation depth (in combination with a low header) and open up new possibilities when space is limited. On larger sizes, the door is equipped with torsion springs either front or back.

Be in control

With remote control available, the Thermalift Insulated Sectional Door operation is effortless.

Flexible side mounting

1. Interference-protected deflection pulley
The steel cables run vertically into the angular frame on interference-protected deflection pulleys mounted on ball bearings with U-shaped caster holders. This reduces the height requirement compared to the front-mounted torsion spring.

2. New cable mount
Together with the new steel cable holder, the newly designed cable mount with integrated door guide keeps the steel cables running smoothly in the angular frame without them touching the sections.

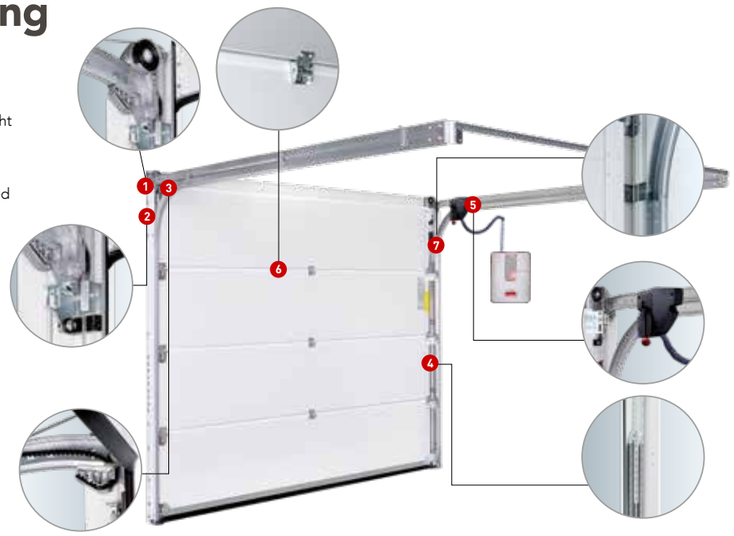
3. Integrated belt fastening
The newly designed moulded end piece contains an integrated fastener for the NovoPort® belt.
The maintenance-free belt is fastened securely in the holder.

4. Multiple extension spring assemblies
The extension spring garage doors are equipped with sturdy multiple extension spring assemblies. The springs are adjusted at the top end of the assembly. The vertical extension springs require less installation depth and open up new possibilities when space is confined.

5. NovoPort® - unique and flexible
The NovoPort® operator system not only offers maximum convenience during operation, but also during installation. After all, the motor is not fixed to the ceiling like conventional operators, but simply integrated into the side garage door track - either on the left or the right depending on the structural conditions. Therefore no ceiling assembly is required.

6. Anti-pinch inside and out
The special design of the sections and hinges prevents pinching on the door leaf from the outset.

7. Interference protection and cables channelled down the inside
The angular frames make it almost impossible to reach between the door leaf and the frame. Suspension cables arranged inside minimize the risk of injury and guarantee maximum operational reliability.



Automatic Safety Features

Safety always comes first and the intelligent wireless system is constantly monitoring safety. The bottom edge of the door has an optical sensor inside the rubber bottom seal. The sensor instantly stops and reverses the door a short distance when an obstruction compresses the seal.

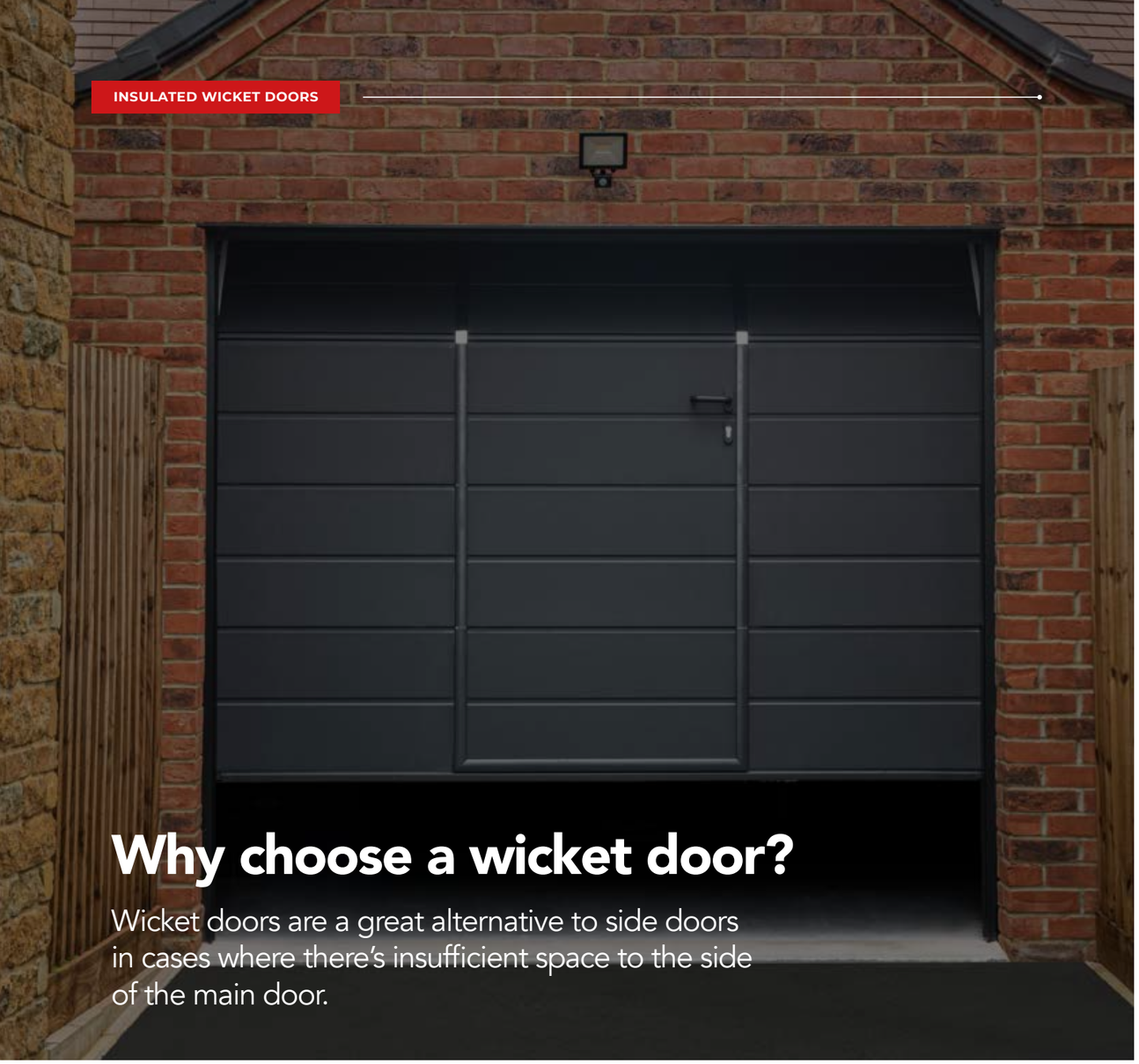
As part of the safety standard, all doors over 20kg are also protected by a safety brake that activates and stops the door should the motor brake fail for complete peace of mind.

Need more from your garage door?

Sound & Heat Insulation

Innovative technology in thermal and noise insulation

Insulated door leaf is made from double-skinned, hot galvanized steel sections with CFC-Free PUR rigid foam core, which provides top sound-proofing and excellent heat insulation, keeping the cold out and the warmth in.



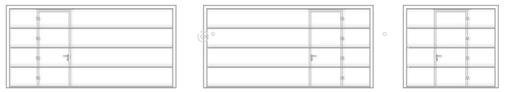
Why choose a wicket door?

Wicket doors are a great alternative to side doors in cases where there's insufficient space to the side of the main door.

Wicket doors are standard doors that are integrated into the main door leaf.

The purpose is to allow quick and easy access without having to open and close the main door.

This also helps you manage security and privacy better as the main door will remain closed when not in use.



WARRANTY COVER | MADE TO MEASURE | REMOTE OPTION | SECURITY LOCKING

Insulated Wicket Doors

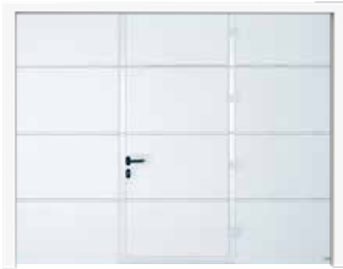
NOW USING THE NEW EVO THERMALIFT TECHNOLOGY

Horizontal Rib | iso 45

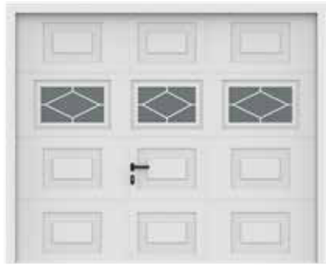
Large Rib | iso 45

Horizontal Rib Glazed | iso 45

Wicket doors are available for all iso 45 sectional garage doors up to a width of 5m. They offer a practical passage width of 80cm and provide perfect heat insulation due to the double-skinned insulation used.



Flush | iso 45



Panelled Glazed | iso 45

get colour

Our Thermalift sectional garage doors are available on request in a subtly grained Woodgrain wood structure or an elegant smooth surface, which simply repels dust and moisture.

For further individualisation, you can choose from 11 top-coated, attractively priced Super-Colour colours and nearly all RAL colours (Thermalift45).

Woodgrain

Smooth
depending on pattern

Super-Colour colours

Moss Green RAL 6005	Fir Green RAL 6009	Light Grey RAL 7035	Window Grey RAL 7040	White Aluminium RAL 9006	Stone Grey RAL 7030	Grey Aluminium RAL 9007	Black RAL 9005

Quartz Grey RAL 7039	Basalt Grey RAL 7012	Dark Grey DB 703	Slate Grey RAL 7015	Anthracite Grey RAL 7016	Nut Brown RAL 8011	Sepia Brown RAL 8014

Our Thermalift sectional garage doors are available with six different weather-resistant, top-coated film laminates in authentic, rustic wood effects with a smooth surface.

Rustic Wood effects

Golden Oak SMOOTH	Dark Oak SMOOTH	Winchester SMOOTH	Night Oak SMOOTH

In addition to the large rib pattern, you can now also order all the wood effects in the flush and some in the panel pattern (not Winchester or Night Oak).

NEW Structural Surfaces

Satin Black Composite Shade	Satin White RAL 9016	Satin Window Grey RAL 7040	Satin Dark Grey RAL 7016	Satin Brown Similar to RAL 8014	Satin Grey Composite Shade

In addition to the existing Satin Grey, our Thermalift45 sectional garage doors are now available in three more decorative, top-coated satin matte structural surfaces with reduced dirt retention and exceptional weather resistance.

Exclusively for the flush pattern for Thermalift 45 sectional garage doors, our popular industrial door profiled finish Microline (Flush) is available in Satin Grey and Satin White. This is a modern, profiled wave structure with a striking and expressive light and shade effect.

Microline Flush

NEW Microline Pattern (Flush)

Satin White Similar to RAL 9016	Grey Composite Shade	Dark Grey Composite Shade

Window Grey Similar to RAL 9006	Black Similar to RAL 9005

get glazed

Cardale offers a range of window designs suited to 'flush' style doors.

For a full range of sectional door glazing options, please see page 48.

To get lots of natural light, you can turn practically one whole garage door into a window with a horizontal light strip. Light strips are available on the top 3 sections only, not in the bottom section.

Create an individual eye-catching element with vertically arranged portholes, each in a high-quality stainless steel frame.

Square windows can be ordered as an option, in any arrangement which suits your taste, each in a high-quality cast aluminium frame.

Glazing Options

Our attractive glazing options not only make a feature of your garage, but also let the light in, especially appealing if you use your garage as a storage room or workshop. All Cardale glazing panels are manufactured out of weather-resistant acrylic glass or impact-resistant polycarbonate and stand out due to their high transparency. Furthermore, being double-glazed panes, they have excellent heat insulating properties - just like our insulated sectional garage doors.

Plain Clear | Frosted

Square Clear | Frosted

Diamond Clear | Frosted

Square Leaded Clear | Frosted

Diamond Leaded Clear | Frosted

Sunrise Patterns

The 'sunrise' pattern can be modified to suit different width garages up to 5.5metres wide.

Thermaglide: The Smarter Garage Door Solution

Thermaglide 77 and 55 insulated roller doors combine robust construction with modern design, offering a sleek, space-saving solution that enhances your garage's appearance and efficiency.

Cardale Aluminium Insulated Roller Garage Doors

THERMAGLIDE® 77

Thermaglide takes the concept of the roller garage door to a new level. It **out-performs** the ordinary garage door for ease of use, insulation, finishes, safety and security and all doors are manufactured under strict and controlled guidelines.

Practical high performance

Remote control 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 in width when replacing a conventional door and frame. It also allows the door to fit garage openings of all shapes and sizes.

THERMAGLIDE 55

Where headroom is especially tight, the Thermaglide 55 has all the features of Thermaglide 77 but requires only 205mm of headroom and is available upto 2.8 metres wide and 2.286 metres high.

Internal Manual Override
A connector and crank handle are supplied as standard, so your door can be opened, from inside, even during a power cut.

NovoShield
Supplied and finished in white as standard colour, shields the user from accidental finger entrapment and provides an attractive finish to the door curtain.

Control System
An internal courtesy light is provided within the self con-tained control box.

Guide Rails
Guide rails made from aluminium profile with a white polyester powder coated finish.

Safety Edge
Supplied as standard. At the bottom edge of your door is an emergency sensor which will stop and reverse when the door is in operation, if it senses an obstruction.

Tamper Alarm
Tamper Alarm as standard

- Vertically opening doors
- Fits garage openings of all shapes and sizes, even arched openings
- Made in compliance with ISO 9001 quality standard
- Helps insulate garage against heat loss and noise
- Remote control electric operation available
- For greater security the door has fully enclosed side runners, a unique **'AutoLock'** self locking feature and is fully automated with no exterior lock to pick or force
- Rolling code technology helps prevent criminal **'code grabbing'**
- Optional emergency opening system
- Hard wired and wireless safety systems are available

Thermaglide Built-in Insulation

Add the built-in insulation, which provides both a thermal and acoustic barrier, helping to control your energy bills, reduce noise and possibly your carbon footprint.

Insulated roller garage doors are bespoke and made to order.

cardale GARAGE DOORS

Choose Your Design

Two designs are available - the Thermaglide 77 which is the ultimate in remote control luxury, and the ultra-compact Thermaglide 55, the solution for tight spaces, which is available in the remote control version.

THERMAGLIDE® 77

- Guides and Box Colour Matched as Standard
- Polyester Painted 70mm Guides up to 3m Wide (Colours available)
- Polyester Painted 90mm Guides over 3m wide (Colours available)
- NovoShield Full Box supplied as standard. Box sizes subject to change dependent on curtain height. (Other box options available)
- Thermaglide Hard Wired Control Safety System
- Wireless Option Available
- Two 2-Channel Hand Transmitters
- Thermaglide 77 doors are available up to 5000mm wide and 2743mm high

THERMAGLIDE 55

- Guides and Box Colour Matched as Standard
- 65mm Guides
- 205mm NovoShield Full Box
- Thermaglide Hard Wired Control Safety System
- Wireless Option Available
- Two 2-Channel Hand Transmitters
- Thermaglide 55 doors are available up to 3000mm wide and 2286mm high

Safety sensing

Each door is equipped with a built-in, permanently wired safety sensor within the bottom weatherstrip. This sensor detects obstacles and automatically stops and reverses the door by a small distance to prevent damage or injury.

External Manual Release

If the power fails, a simple hand crank allows the door to be opened from outside the garage by hand.

Reliable Technology

Available with Somfy control unit as standard NR 20 or teleco control units available upon request. Enjoy the confidence of a five year warranty.

Safety Brake

Chosen for its performance and long-lasting durability, with no sacrifice in safety. The safety brake activates to halt the door's descent in the event of a motor failure.

Full Box as Standard

The full box conceals the roll for a super-neat installation and encloses the door mechanism.

Space Saving

The door curtain neatly coils above the opening, ensuring that neither the door nor the any tracks extend into the garage, maximising storage space and driveway space.

Effortless Control

A number of additional extras from Cardale & Somfy are available to enhance convenience.

Thermaglide Insulated Roller Doors

Product Specification

cardale GARAGE DOORS

Maximum Weather Protection

Engineered to help block cold draughts and keep your garage warm and usable with guide rails that are lined and a shaped rubber seal on the bottom slat.

Alarm as Standard

A built-in vibration sensor triggers a 100dB alarm if an attempt is made to force open the door

Keyfob Transmitters

Two remote controls are supplied with every door. Extra remote controls can be added and are easy to program.

End Locks

Slats have endlocks as standard to assist the smooth operation of the curtain.

Direct Connect Locking

The door is held firmly shut by at least three locking straps, featuring heavy duty direct-connect linkages that provide enhanced resistance to forced entry.

The ultimate choice

The clean lines of the Thermaglide roller door are attractive in any setting

The colourful choice of finishes can provide either an accent or a complement to existing finishes.

Standard Colours

Our best-selling stunning textured steel finishes

- JET BLACK RAL 9005
- TRAFFIC WHITE RAL 9016
- ANTHRACITE GREY RAL 7016
- ROSEWOOD
- BURGUNDY RED RAL 3004
- AGATE GREY RAL 7038
- MOCCA BROWN RAL 8019
- CHARTWELL GREEN BS 4800
- CREAM RAL 9001
- GOLDEN OAK
- RACING GREEN RAL 6009
- DARK BLUE RAL 5011
- BROWN RAL 8014

Elite Colours

A choice of 2 stunning colours in a textured steel finish available in a brand new exciting colour range for those who want something a little more special!

- GOLDEN OAK
- ROSEWOOD

All colour samples depicted in this brochure are as close to the original manufacturer's colours as possible.
Garage doors supplied may vary in colour from the brochure representation.

Cardale Security Best in Class

The combination of side runners and auto-positive locking with anti-lift geometry locking straps makes Thermaglide® extremely secure.

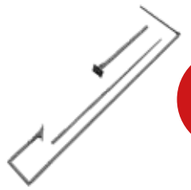
Somfy Optional Extras

Wireless Keypad

Wall Switch

Wireless Push Button

Keygo Remote Control



Low Level EMR

Wifi Module

POWERED by somfy®

works with alexa

works with Hey Google

Cardale Steeline Roller Doors

Simple, clean lines and an excellent colour choice are just part of the appeal of the Steeline door

Manual and Automatic

Doors are designed for manual and automatic operation - Easyglide spring assisted operation ensures all doors are easy to operate by hand.

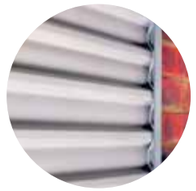
Remote Control

The Steeline Slimdrive remote control openers make automation easy.

More Space on your Drive

Vertical travel gives 'park right up' convenience.

MADE IN BRITAIN
THE BEST OF BRITISH GARAGE DOORS



Secure and Durable

The unique broad profile horizontal ribbed design is inherently very strong and very secure. Key operated twin locking bars secure the door in the closed position

High Grade Foil Finishes

Available with high performance Plastisol coating or a high grade foil finish to the front face of the door and a grey powdercoat to the rear.

Twin Locking Bars
for added security

A colour to suit every home!

With our **Steeline Plastisol** colour collection, you can choose from a wide range of popular colours to match your own personal taste and preferences.

Steeline Doors are bespoke and made to order

SL

Steeline Foil Finishes

Space Saving

As the curtain rolls neatly up behind your garage lintel there are no tracks inside your garage providing you with additional space.

Enhanced Security

Highly pick-resistant steel lock barrel mechanism as standard on each Steeline door.

A LITTLE EXTRA

Cardale Side Doors

These doors are popular as a side entrance to your 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.

Cardale side doors are available in the following finishes to match the door ranges: Painted, Golden Oak, Rosewood.

Left-hand opening available as an option

Gemini

Georgian

Europa II

Sheraton II

Haven

Vogue II

Glazing options

Plain Black

Stippled

Transparent

Square Lattice

Diamond Leaded

Queen Anne Lattice

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 and 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-reflective finish.

MAKE THE RIGHT FIRST IMPRESSION WITH CARDALE

MAXIMISE YOUR KERB APPEAL

Frames

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.

Handles

Cardale handles are fitted in the bottom third of the door, depending on the door style. Steel up and over doors are fitted with handles which do not have a backing plate.

Command Transmitter

- Up to two applications possible
- Modern, compact design
- LED built-in light

Each Cardale operator is supplied with two transmitters

4-Point Locking

Cardale up and over garage doors are available with the Cardale 4-point locking system as an optional extra, offering even greater levels of security.

To find your local stockist visit

www.cardale.com

T 0800 533 5700

cardale

GARAGE DOORS

04/25 V8. Cardale reserves the right to alter specifications to design and manufacture without notification. All specifications are correct at time of publication, errors and omissions excepted.
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