



## SECTIONAL GARAGE DOORS

A modern grey sectional garage door is set into a wall of rough-hewn stone. The door has a minimalist design with three horizontal panels and a dark frame. Above the door is a small window with a wooden frame. In the foreground, a low stone wall and a paved driveway are visible.

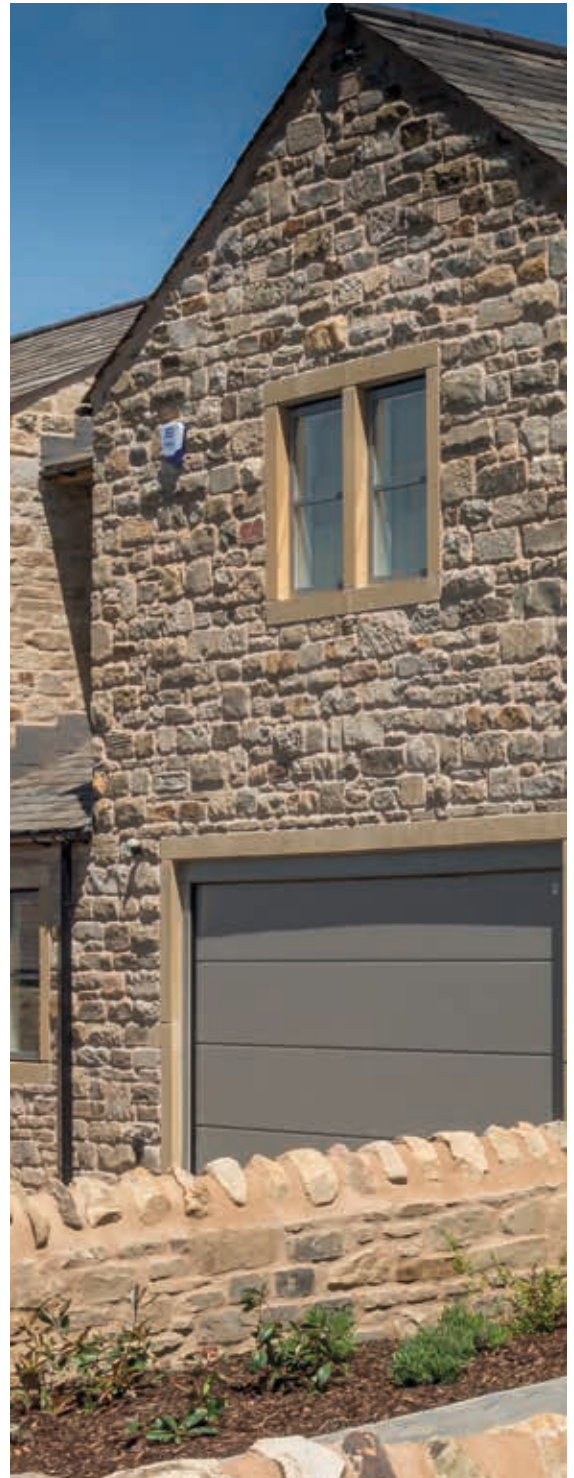
High quality sectional garage  
doors designed to enhance  
and improve your property

- HARD WEARING
- HIGHLY INSULATING
- BEAUTIFULLY SIMPLE



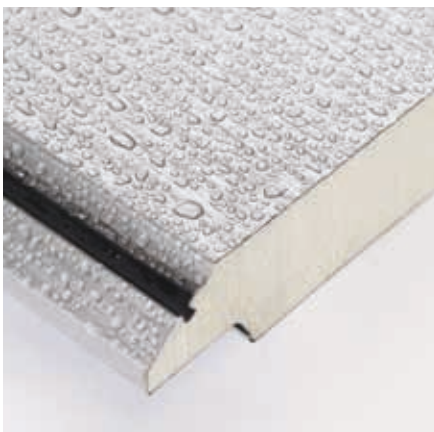
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## SECTIONAL DOORS FOR ANY CONDITIONS



Tests in independent laboratories proved that the Alutech door leaf can withstand the harshest environments, including the equivalent of 15 years of operation in coastal areas and heavily polluted industrial regions.

These unique anti-corrosion properties are possible due to:

- thickness of zinc coating **(16 micron)**;
- double layer paint-and-lacquer coating **(PUR-PA) 23-35 micron** thick.



# Trend

Harmony of style and reliability of design.

Warm, reliable and safe doors ensure comfort and convenience. With a wide choice of designs and colours to compliment any style of property, from a traditional period home to a modern day contemporary build.

Trend series sectional doors are safe, practical and price competitive with no compromise on quality.

## Characteristics

- The thickness of a sandwich panel is 40 mm
- The thermal transmittance coefficient is **1.35 W/(m²K)**
- Roller brackets and intermediate hinges are made of galvanised steel
- Can be installed as reveal fit between the brickwork or face fit behind the brickwork
- Curtain balancing with tension springs or torsion springs
- The maximum size of the garage doors is 6000 × 3000 mm

**Comparable to a brick wall  
of 55 cm thickness**

# Trend — AFFORDABLE, SAFE AND RELIABLE DOORS



## WIDE OPPORTUNITIES OF INSTALLATION



Colour matched side and top profile means that the doors are able to be positioned slightly into the opening if desired.

These elements are manufactured from hot-dipped Galvanised steel, which is further coated with a protective lacquer coating (standard — white colour **RAL 9016**). At your request vertical leg profiles and front fascia header can be painted in the colour of the door leaf so that it will add to the doors harmonious appearance.



## PROTECTION AGAINST CORROSION



In heavy rainfall water can collect at the bottom of the doors. **The plastic base of the side profile** minimises the possibility of corrosion in high humidity environments, providing an attractive appearance for both door panels and door frame.



## LONG-LASTING OPERATIONAL LIFE



SPRING  
COVER

EXPOSED  
SPRING

As an optional upgrade the spring mechanism for side sprung doors can be fully enclosed, to eliminate finger entrapment and to enhance the doors internal appearance.

Lifetime of springs is up to **15000 open/close** cycles equivalent to **10 years** of service with 4 times daily opening/closing during the period.



Using advanced technology and years of experience in manufacturing, carefully thought-out design and high-quality components. We have created a sectional door that is attractive in design, reliable and provides safe operation for many years.



## EFFECTIVE SAFETY



Torsion springs are equipped with **spring breaks** that stop the door leaf from falling in the case of spring breakage. This protection system is supplied at no extra cost to ensure safe operation.

ALUTECH doors comply with European standard EN 13241-1, EN 12604, EN 12453, EN 12424, EN 12425, EN 12426.



## PROTECTION AGAINST DRAUGHTS



**Adjustable roller brackets**, allow the top panel to seal directly to the top profile. This greatly reduces draughts and heat loss.

This adjustment will be set to its optimum during installation. It is also possible to make fine adjustment over the years to ensure your Alutech door will always be energy efficient.



## SILENT MOVEMENT



Alutech are one of only a few manufacturers that include **ball race bearings within the rollers**. This allows for a much smoother operation, reducing the amount of noise of the door.

These bearings are of a closed type that are protected from dust and moisture, and do not require and lubrication.

# S-RIBBED PANEL

A modern type of panel with horizontal ribs positioned at an even distance from each other. Due to symmetrical positioning of the horizontal ribs, junctions between panels are absolutely unnoticeable

## SECTIONAL GARAGE DOORS MADE FROM **S-RIBBED** PANELS

**Trend** without wicket  
Maximum door dimensions:  
**6000×3000 mm**

**Trend** with wicket  
Maximum door dimensions:  
**6000×3000 mm**

Small



External surface texture of a panel  
**Woodgrain or Smooth**

Door leaf  
made from **S-ribbed** panels

23 standard colours are closest match to the RAL colour stated



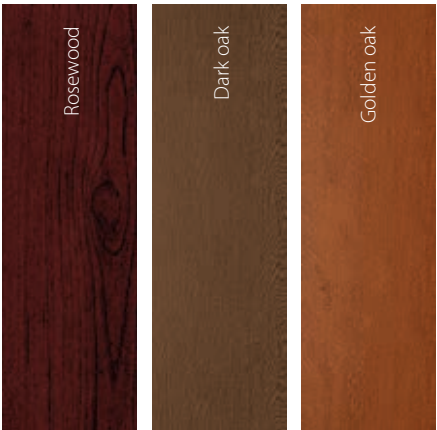
Special **RAL colours** available on request

## S-RIBBED PANEL

# Wood finish colours

External surface texture of a panel  
**Smooth**

3 variants:



Woodgrain effect doors provide a realistic alternative to wood that will compliment your home. Its exclusive finish will look as good in the future as it would now.



Internal finish of the panel is  
**textured**

Standard colour  
White-and -grey (close to **RAL 9002**)

It is possible to finish doors in  
other **RAL colours**

Garage doors made from **M-ribbed panels** are designed to compliment any home. With a flawless modern design to compliment modern day architecture.

# M-RIBBED PANEL

## SECTIONAL GARAGE DOORS MADE FROM **M-RIBBED** PANELS

**Trend** without wicket  
Maximum door dimensions:  
**6000 × 3000 mm**

Medium

External surface texture of a panel  
**Woodgrain/Smooth**

Door leaf made from  
**M-ribbed** panels

23 standard colours are closest match to the RAL colour stated



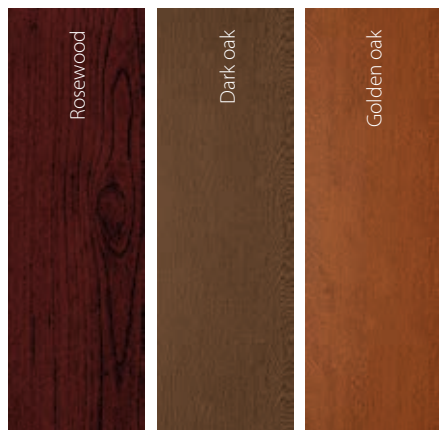
Special **RAL colours** available on request

## M-RIBBED PANEL

# Wood finish colours

External surface of a panel  
**Smooth**

3 variants:



Woodgrain effect doors provide a realistic alternative to wood that will compliment your home. Its exclusive finish will look as good in the future as it would now.



Internal finish of the panel is  
**textured**

Standard colour  
 White-and -grey (close to **RAL 9002**)

It is possible to finish doors in  
 other **RAL colours**





The wide horizontal rib of **L-ribbed panels** will emphasise the individual style of your home and give it a special charm

# L-RIBBED PANEL

## SECTIONAL GARAGE DOORS FROM **L-RIBBED** PANELS

**Trend** without wicket  
Maximum door dimensions:  
**6000 x 3000 mm**

Large

External surface texture of a panel  
**Woodgrain or Smooth**

Door leaf made from  
**L-ribbed** panels

23 standard colours are closest match to the RAL colour stated



Special **RAL colours** available on request

## L-RIBBED PANEL

# Wood finish colours

External surface of a panel  
**Smooth**

3 variants



Woodgrain effect doors provide a realistic alternative to wood that will compliment your home. Its exclusive finish will look as good in the future as it would now.



Internal finish of the panel is  
**textured**

Standard colour  
White-and -grey (close to **RAL 9002**)

It is possible to finish doors in  
other **RAL colours**

# GEORGIAN PANELS



**Georgian** style panel design to provide a traditional alternative, to enhance the curb appeal of your home

## SECTIONAL GARAGE DOORS WITH **GEORGIAN PANELS**

**Trend** without wicket  
Maximum door dimensions:  
**5000 x 3000 mm**



External surface texture of a panel  
**Woodgrain**

Door leaf made from  
**Georgian panels**

23 standard colours are closest match to the RAL colour stated



Special **RAL colours** available on request

Panels  
with **Georgian design**

# Wood finish colours

External surface of a panel  
**Woodgrain**

2 variants



Woodgrain effect doors provide a realistic alternative to wood that will compliment your home. Its exclusive finish will look as good in the future as it would now.



Internal finish of the panel is  
**textured**

Standard colour  
White-and -grey (close to **RAL 9002**)

It is possible to finish doors in  
other **RAL colours**

# MICROWAVE PANELS

Elegant **microwaves** on the surface of the door leaf emphasise the modern architecture of new buildings.

## SECTIONAL GARAGE DOORS MADE FROM **MICROWAVE** PANELS

**Trend** without wicket  
Maximum door dimensions:  
**6000 × 3000 mm**

**Trend** with wicket  
Maximum door dimensions:  
**6000 × 3000 mm**

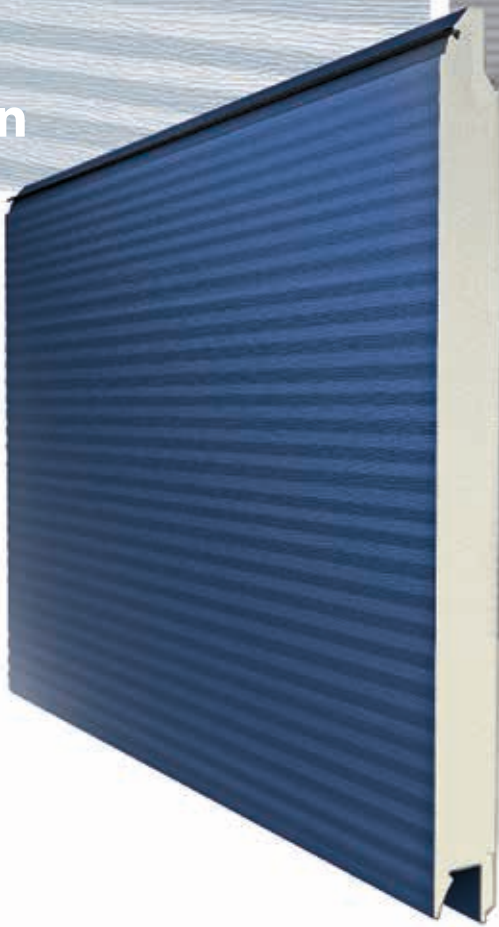
External surface of a panel  
**Woodgrain**

Door leaf type  
**microwave**

23 standard colours are closest match to the RAL colour stated

White <b>RAL 9016</b>	Cream <b>RAL 9001</b>	Light Ivory <b>RAL 1015</b>	Light Grey <b>RAL 7035</b>	Stone Grey <b>RAL 7030</b>	Quartz Grey <b>RAL 7039</b>	White Aluminium <b>RAL 9006</b>	Grey Aluminium <b>RAL 9007</b>	Window Grey <b>RAL 7040</b>	Graphite Grey <b>RAL 7024</b>	Anthracite <b>RAL 7016</b>	Jet Black <b>RAL 9005</b>
Flame Red <b>RAL 3000</b>	Ruby Red <b>RAL 3003</b>	Burgundy <b>RAL 3004</b>	Moss Green <b>RAL 6005</b>	Fir Green <b>RAL 6009</b>	Nut Brown <b>RAL 8011</b>	Terra Brown <b>RAL 8028</b>	Brown <b>RAL 8014</b>	Pigeon Blue <b>RAL 5014</b>	Gentian Blue <b>RAL 5010</b>	Steel Blue <b>RAL 5011</b>	

Special **RAL colours** available on request



Internal finish of the panel is  
**textured**

Standard colour  
White-and -grey (close to **RAL 9002**)

It is possible to finish doors in  
other **RAL colours**



# WICKET DOOR



**Built in wicket doors** are a practical and convenient solution. It allows you to enter into the garage without opening the garage door, saving time and effort.

## CONVENIENCE IN DETAIL

- Linear door closer
- Inbuilt sensor determines wicket position
- Rain visor
- Metal handles
- Special catching mechanism to stop the door sagging



## STANDARD THRESHOLD, 145 mm

For doors more than **4500 × 3000** mm

Wicket with standard threshold has a reinforced construction.

Designed for larger doors it is mounted into the doors with maximum dimensions.

Maximum dimensions of doors with wicket are **6000 × 3000** mm

## LOW THRESHOLD, 100 mm

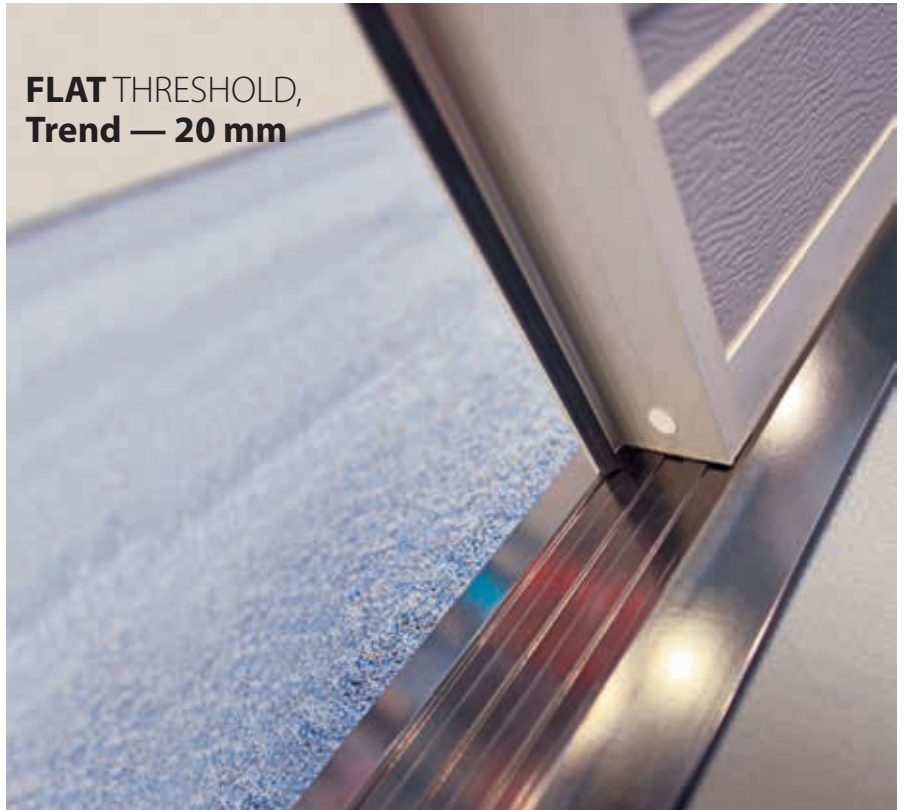
For doors less than **4500 × 3000** mm

Wicket with low threshold conforms to requirements of fire safety.

It can be installed where an emergency exit is required.

Wicket threshold is only 18-20 mm. Due to its shape such a threshold ensures maximum convenience in the process of operation. Flat threshold provides unhampered passing for bicycles and carts through the wicket. Maximum dimensions of doors with wicket are 5000 × 3000 mm

## FLAT THRESHOLD, Trend — 20 mm



## STANDARD COLOURS FOR FRAME OF WICKET DOOR

Colour of wicket handle matches the colour of wicket frame



Brown  
(powder coating, colour close to **RAL 8014**)



Silver aluminium  
(anodized coating, colour **A00-D6**)

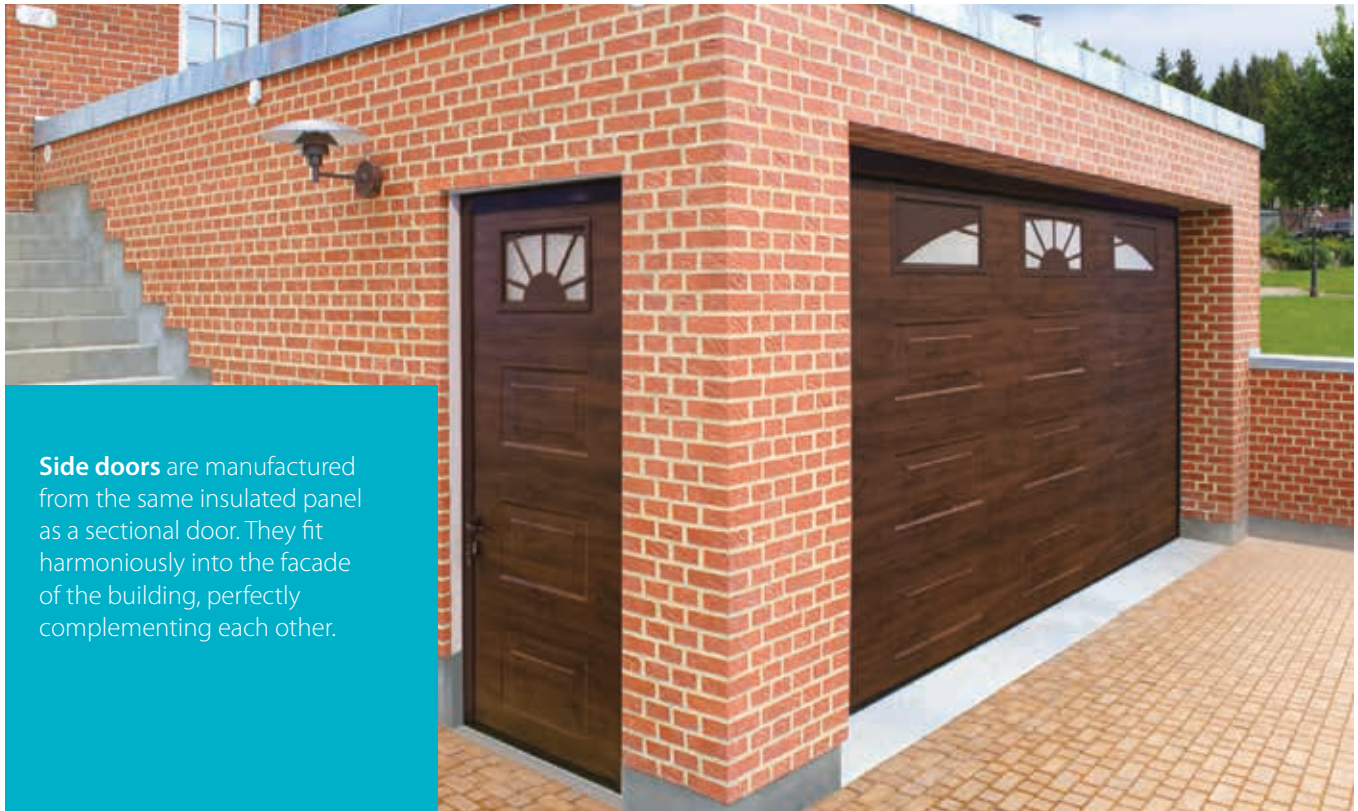
other non standard colours are available on request



It is possible to paint the wicket profiles in other colours according to RAL catalogue



# SIDE DOOR FROM SECTIONAL DOOR PANELS



The external frame of the side door is manufactured from extruded aluminium and can be finished in the same colour as the door leaf.

Doors can be mounted as in between the brickwork opening or to the inside face to suit the customers specification

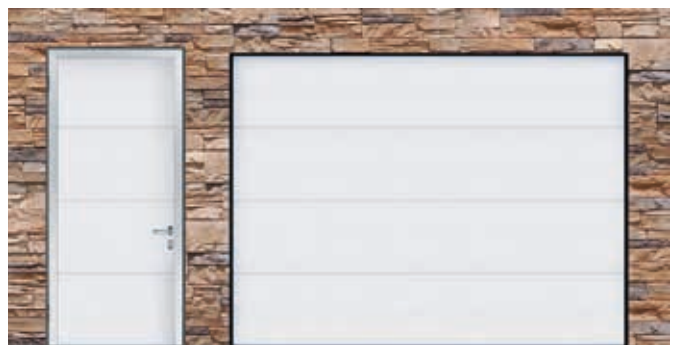
Side doors can be installed to open to left or right and open to the inside or outside of the garage

EPDM polyurethane sealing inserts are located along the door perimeter to ensure a reliable seal to the opening.

## VARIANTS OF DESIGN



23 standard colours close to **RAL**, 3 wood finish colours





Side doors made to match your sectional door are available in both **Trend**

Standard colour of side door profiles — silver metallic (close to **RAL 9006**)  
white (close to **RAL 9016**)  
grey-brown (close to **RAL 8019**)

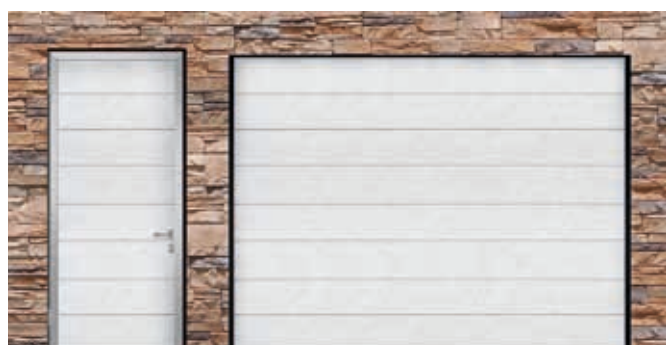
**It is possible to paint the side door profiles in other colours according to RAL catalogue**



23 standard colours close to **RAL**  
3 **wood finish colours**

RAL 9016	RAL 9001	RAL 1015	RAL 7035	RAL 7030	RAL 7039	ROSEWOOD
RAL 9006	RAL 9007	RAL 7040	RAL 7024	RAL 7016	RAL 9005	DARK OAK
RAL 3000	RAL 3003	RAL 3004	RAL 6005	RAL 6009	RAL 8011	GOLDEN OAK
RAL 8028	RAL 8014	RAL 5014	RAL 5010	RAL 5011		

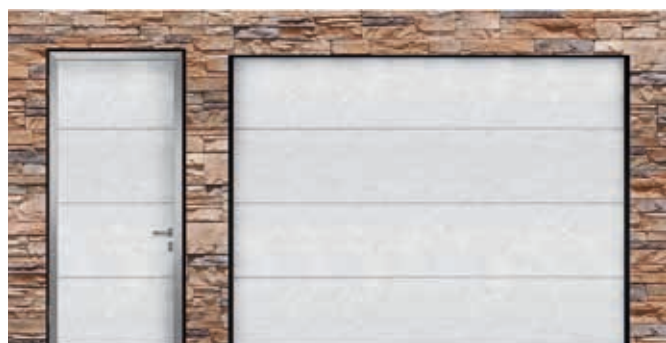
S-RIBBED PANELS



23 standard colours close to **RAL**  
3 **wood finish colours**

RAL 9016	RAL 9001	RAL 1015	RAL 7035	RAL 7030	RAL 7039	ROSEWOOD
RAL 9006	RAL 9007	RAL 7040	RAL 7024	RAL 7016	RAL 9005	DARK OAK
RAL 3000	RAL 3003	RAL 3004	RAL 6005	RAL 6009	RAL 8011	GOLDEN OAK
RAL 8028	RAL 8014	RAL 5014	RAL 5010	RAL 5011		

M-ribbed



23 standard colours close to **RAL**  
3 **wood finish colours**

RAL 9016	RAL 9001	RAL 1015	RAL 7035	RAL 7030	RAL 7039	ROSEWOOD
RAL 9006	RAL 9007	RAL 7040	RAL 7024	RAL 7016	RAL 9005	DARK OAK
RAL 3000	RAL 3003	RAL 3004	RAL 6005	RAL 6009	RAL 8011	GOLDEN OAK
RAL 8028	RAL 8014	RAL 5014	RAL 5010	RAL 5011		

L-ribbed



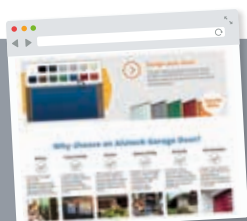
23 standard colours close to **RAL**  
2 **wood finish colours**

RAL 9016	RAL 9001	RAL 1015	RAL 7035	RAL 7030	RAL 7039	ROSEWOOD
RAL 9006	RAL 9007	RAL 7040	RAL 7024	RAL 7016	RAL 9005	DARK OAK
RAL 3000	RAL 3003	RAL 3004	RAL 6005	RAL 6009	RAL 8011	
RAL 8028	RAL 8014	RAL 5014	RAL 5010	RAL 5011		

Georgian



[www.jduk ltd.co.uk](http://www.jduk ltd.co.uk) to use our unique design configurator and browse our gallery of sectional garage door projects



# ACCESSORIES

## WINDOWS

Glazing for garage doors provide natural light and saves energy. They also contribute to the aesthetics of the door.

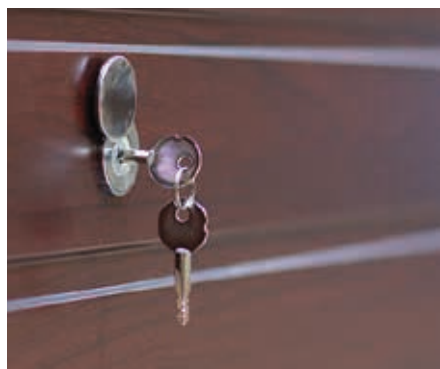
Windows are available in **Trend** doors, to suit any panel design you choose.

- Microwave
- S-ribbed panels
- M-ribbed panels
- L-ribbed panels
- Georgian panels

Frame and decorative inserts  
**Cross** and **Sunrise** — plastic

Colour of external frame and inserts —  
**white** and **brown**

If a coloured door is ordered the window surround and inserts are finished to the same colour as the door.



## EXTERNAL RELEASE FOR ELECTRIC DOORS

Where there is no other access into the garage, we offer an external manual release to allow the door to be opened in the event of a power failure.

Classical rectangular window



Decorative glazing **Cross**



Decorative glazing **Sunrise**



Classical round window

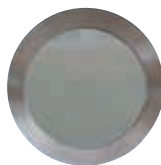


Classical square window



## LOCK

For manually operated doors, you can choose a colour coordinated high security locking device. Key operated from the outside, your lock can be positioned in either the middle, left or right hand side of the door.



## STAINLESS STEEL WINDOWS

A choice of round or square windows with stainless steel frames are available for the contemporary design



# INBETWEEN BRICKWORK INSTALLATION

## Unlimited options for mounting garage doors

The NEW FWO100/100-40, FWO100/120-40 and the FWO120/120-40 sets are a combination of two new profile sizes, with new design brackets for the frame legs and header sections.

The new L-shaped cover profiles are designed to cover frames that are installed within the opening. This gives the appearance of a bespoke made door and frame. All are available in our current range of colours offered by JD (UK) Ltd.

These new cover profiles are offered in 100mm and 120mm widths as allowing for the maximum drive through option in case of internal cabling or pipework that requires greater side room. The two new sizes are available for installation to the standard head frame profile and can be interchanged between leg and head frames. However the major advantage of the new FW0120 is that you can install the Alutech door and new Levigato automation in only 120mm of headroom!





For a harmonious door view in the garage, with no requirement to have overhead springs suspended from the ceiling or fixed above the garage door opening, which can be unsightly and an inconvenience. The NEW Alutech double side sprung door is the perfect choice. Available for door sizes up to 4500mm wide and 2250 high.

By using advanced technology and years of experience in manufacturing. Alutech believe if it wasn't already, the Trend series of sectional door with carefully thought out design, functionality and beautiful aesthetics, is the perfect choice every time.

The new Alutech side sprung doors are only available with the new Alutech garage door operator. The door and automation system is a package that is fully CE compliant and in line with European safety regulations.

The perfect partnership, the Levigato automation to go hand in hand with any style of Alutech trend series sectional door



# LEVIGATO

AN EXCLUSIVE RANGE OF GARAGE DOOR OPERATORS

Alutech have teamed up with one of the world's most famous automotive design companies to bring you Levigato.

Pininfarina has a long established relationship with premium brand customers such as Rolls-Royce, Ferrari, Alfa Romeo, Lancia and Maserati and are responsible for the stylish designs of their motor vehicles. Alutech have now joined this illustrious group.

As you can see, they have definitely worked their magic with the appearance of the range of Alutech products. Tactile pebble inspired motor head and hand sets not only look great, they feel just like the quality you would expect.

With its sleek design, the Alutech Levigato automation system is available with a fantastic range of accessories.



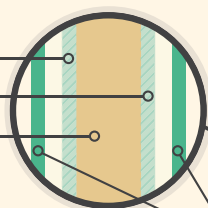
## 1 THERMAL INSULATION

### SANDWICH PANEL

External steel sheet

Internal steel sheet

Foamed polyurethane



ALUTECH sandwich panels are 40mm thick.

**THERMAL INSULATION OF ALUTECH DOORS PANEL  
CORRESPONDS TO THE FOLLOWING MATERIALS**

40 mm=

550 mm



Series  
Trend



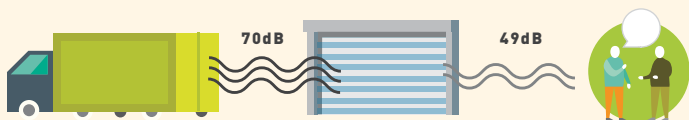
Wall made  
from bricks

### THERMAL TRANSMITTANCE OF ALUTECH DOORS

**Trend Series**  $U = 1,35 \text{ W}/(\text{m}^2\text{K})$

based on tests conducted at the Rosenheim Institute

## 2 SOUND INSULATION



## 3 RELIABLE COATING

### RESISTANCE TO CORROSION

Zinc coating 16 microns thick and double layer polyurethane coating (25-35 microns) on the panel outer surface which is modified with polyamide particles (PUR-PA) which protects the sandwich panels from scratches and abrasions caused by mechanical action and the effects of rain and coastal conditions.



Door panels and components have been confirmed in tests as being suitable for use in coastal conditions for up to 15 years.

## ALUTECH SECTION

### 7 MAIN ADV



## 4 COM

### DURABILITY

**15000**

open/close cycles



which is equal to

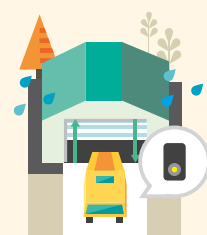
**10 YEARS**

of operation  
with 4 open/close  
cycles per day

### AUTOMATIC



Doors open in around  
**15 seconds**



### IT IS KNOWN

The number of rainy days  
Thus you will get wet 195



# AL GARAGE DOORS

## VANTAGES



## PORT

### OPERATION



Operate your door without leaving the car



in Britain is 195. times less.

### VERTICAL OPENING



Saving space in front of the garage



Don't have to clear snow in front of the garage

## 5 RESISTANCE TO WIND LOADS

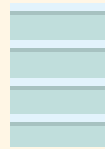
Doors withstand wind speed up to 120 km/h



## 6 EXCELLENT DESIGN

### DIFFERENT PANEL PATTERNS

To suit all decorative styles



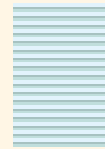
**S**  
ribbed panel



**M**  
ribbed panel



**L**  
ribbed panel



microwave



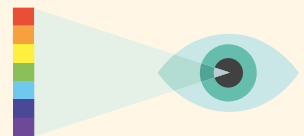
georgian

### COLOUR RANGE

23 standard colours



Can be finished in all RAL colours (232 colours)



### Wood finish colours



Dark oak



Golden oak



Rosewood

Learn more about different types of panels and colours



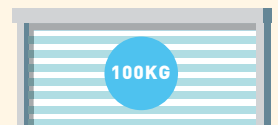
## 7 SAFETY

Correspond to European standards EN 12604 and EN 12453

### PROTECTION AGAINST DOOR LEAF FALLING

1 m<sup>2</sup> of door leaf weighs approximately 15 kg. Weight of medium size door of Trend Series (7 m<sup>2</sup>) — is more than 100 kg.

The door leaf is safely balanced with springs that do not move independently. A special device protects against spring break and the door leaf falling.



### DOOR STOPS IF IT MEETS AN OBSTRUCTION



### PROTECTING AGAINST FINGER TRAPPING



Sandwich panel design protects against finger trapping



Alutech Door systems



AluminTechno



Alutech Incorporated

The Alutech Group of Companies is one of the leaders in the production of roller shutter systems and sectional doors systems in Western and Eastern Europe, and a leading manufacturer of aluminum profile systems in the CIS countries. The group has 5 manufacturing sites, in Germany and Belarus, with sales companies covering many parts of the world.

All sites are equipped with the most up to date, high tech equipment, that include automated painting lines, high quality slitting plants for aluminium and steel coil, modern efficient line for manufacturing sandwich panels for sectional doors, rollforming lines for insulated roller door lath, lines for extruded aluminium profiles, automated complex for die casting aluminium components and modern lines for powder coating, one of the biggest lines for anodizing in CIS countries.

High-tech equipment and our own manufacturing plants allows the specialists in Alutech to control the quality of production in every stage of the manufacturing process : from procurement of raw materials to manufacturing the finished product and its packaging. The quality management system in all group companies meets the requirements of ISO 9001 International standard in TUV CERT system, which is confirmed by the corresponding certificates.

Alutech Group of Companies are actively expanding, in both its markets and products. Alutech Sectional doors are manufactured both in Germany and Belarus, with capacity of over 250,000 sectional doors each year, our main markets are Germany, UK, France, Austria, Holland and most other Eastern and Western European countries.

Alutech Sectional doors perfectly combine comfort, security and safety to provide quality and style to compliment your home.



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