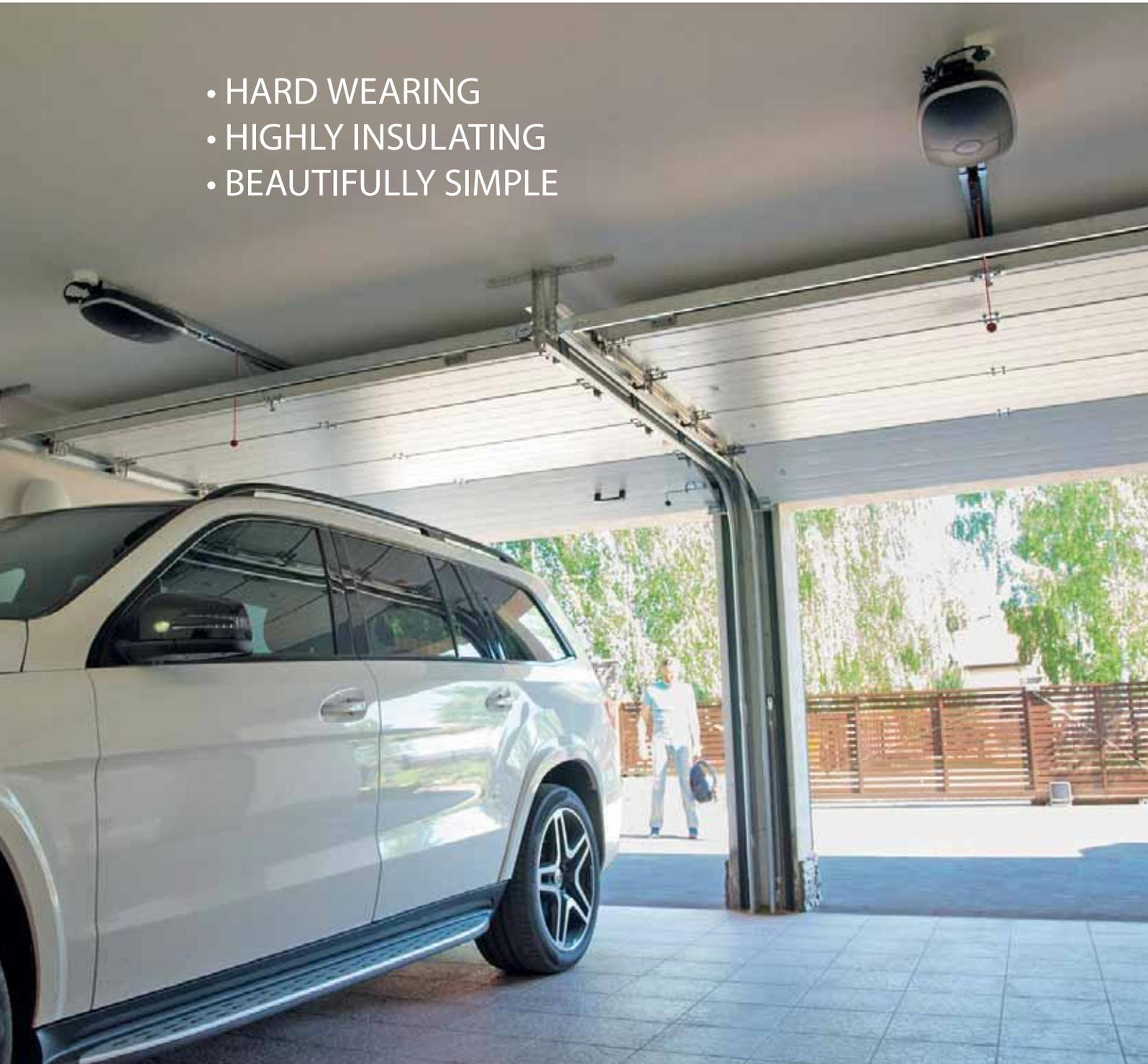




SECTIONAL GARAGE DOORS

- HARD WEARING
- HIGHLY INSULATING
- BEAUTIFULLY SIMPLE



CONTENTS

The Range of Alutech Garage Doors	4
The Benefits of Trend Series Sectional Doors	6
S-Ribbed Design	8
M-Ribbed Design	10
L-Ribbed Design	12
Georgian Design	14
Microwave Design	16
Wicket Door Options	18
Pass Door Options	20
Accessories	22
Reveal Fit Options	23
Automation Systems	24
Advantages of an Alutech Sectional Door	26





SECTIONAL DOORS FOR ALL 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

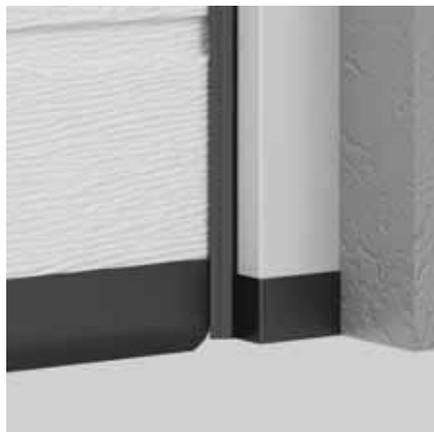


Colour matched side and top profile means that our doors are able to be positioned slightly into the opening if desired.

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 from the door.

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

S-RIBBED

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** DESIGN PANELS

Trend without wicket
Maximum door dimensions:
6000x3000 mm

Trend with wicket
Maximum door dimensions:
6000x3000 mm

Small

External surface texture of a panel
Woodgrain or Smooth

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

27 standard colours are closest match to the RAL colour stated*



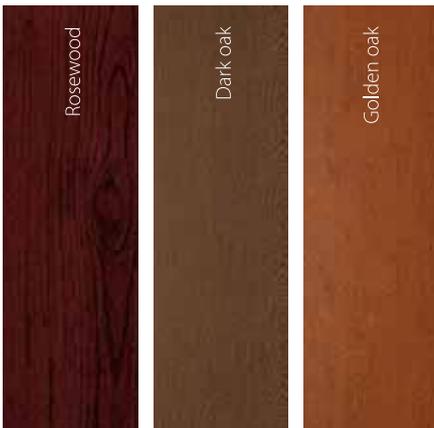
Special **RAL colours** available on request

S-RIBBED DESIGN PANEL

Wood Finish Colours

External surface texture of a panel
Smooth

3 variants:



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**

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

*** Please note these colours are for reference purposes only. For a closer representation of the actual colours please request a colour swatch.**

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



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

Trend without wicket
Maximum door dimensions:
6000 x 3000 mm

Medium

External surface texture of a panel
Woodgrain or Smooth

Door leaf made from
M-ribbed design panels

27 standard colours are closest match to the RAL colour stated*



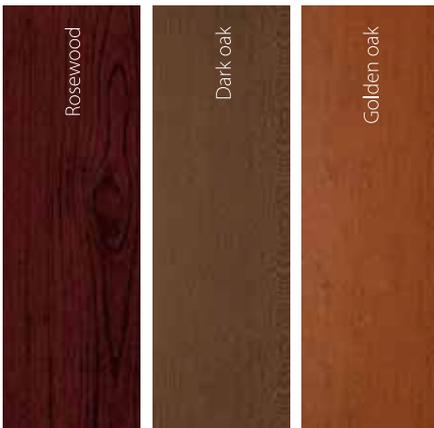
Special **RAL colours** available on request

M-RIBBED DESIGN PANEL

Wood Finish Colours

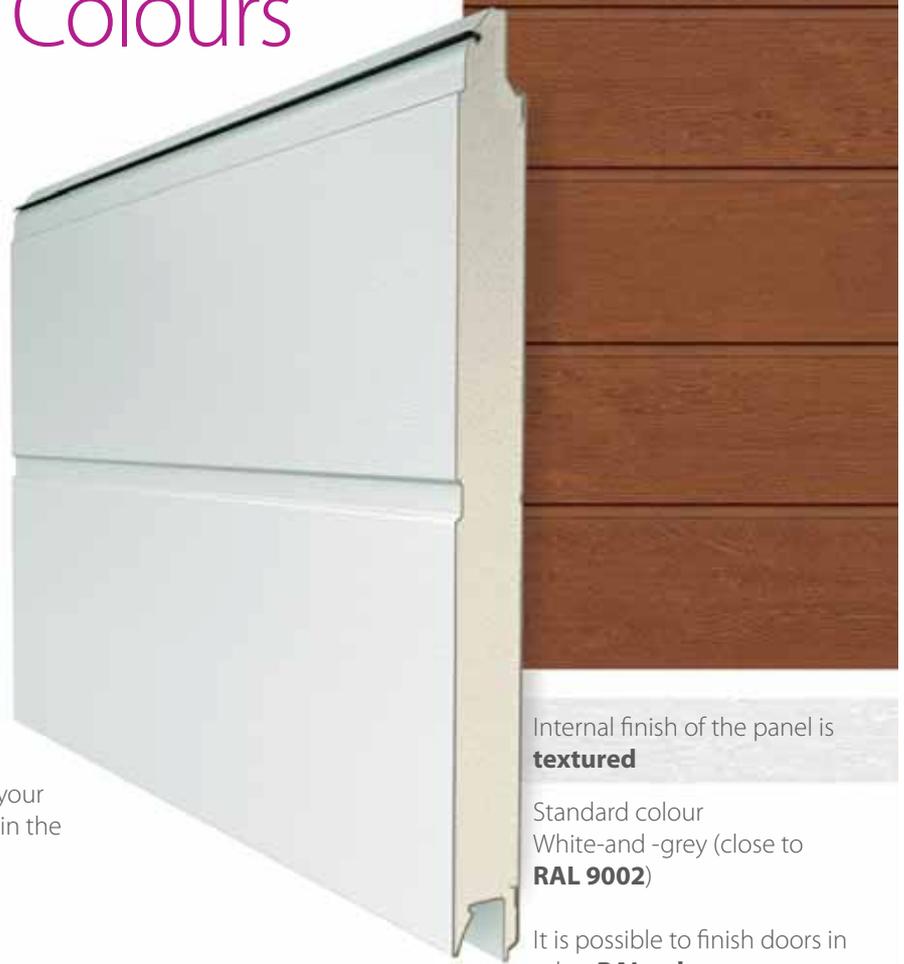
External surface of a panel
Smooth

3 variants:



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

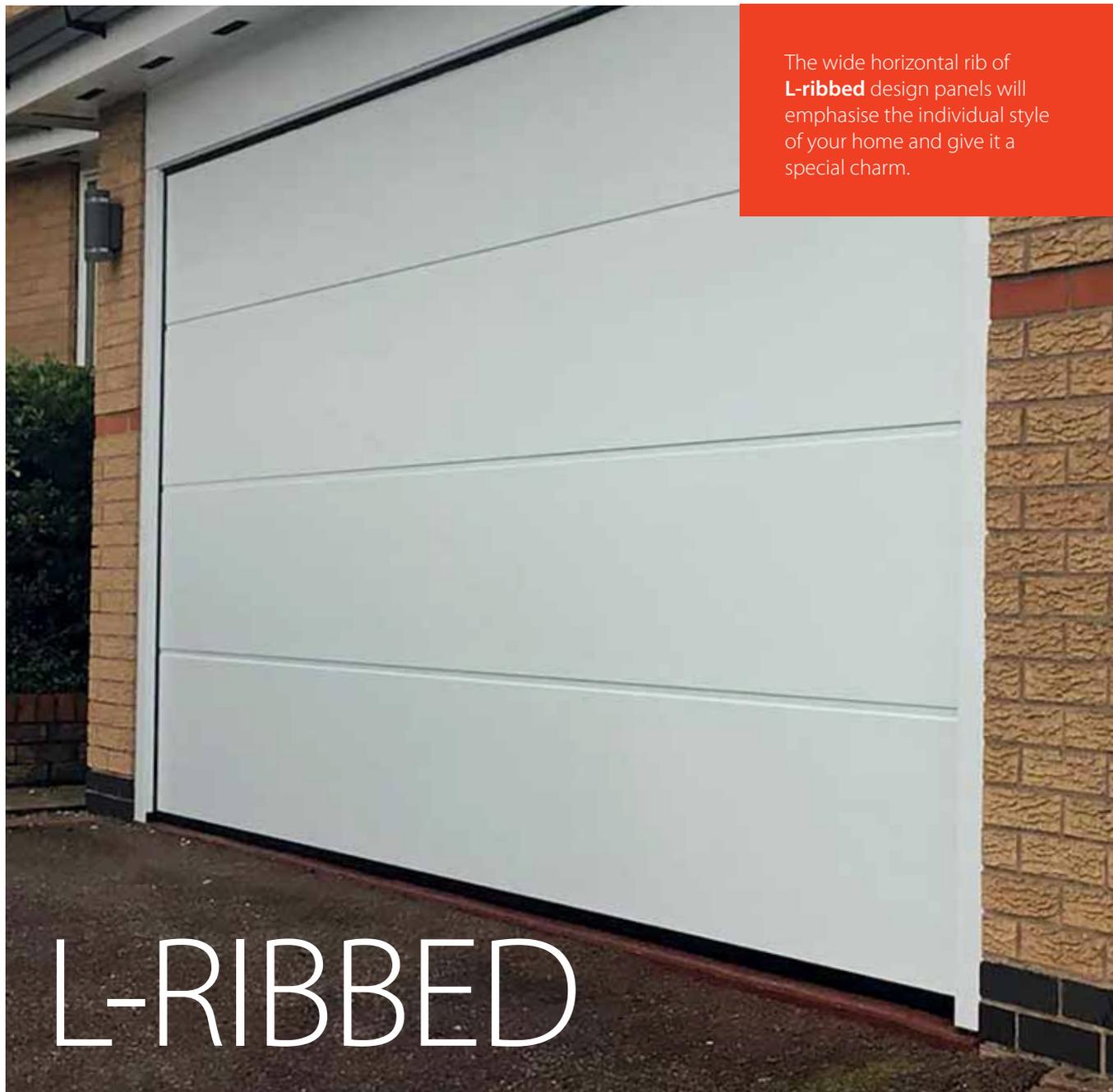
* Please note these colours are for reference purposes only. For a closer representation of the actual colours please request a colour swatch.



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** design panels will emphasise the individual style of your home and give it a special charm.

L-RIBBED

SECTIONAL GARAGE DOORS FROM **L-RIBBED** DESIGN 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 design panels

27 standard colours are closest match to the RAL colour stated*



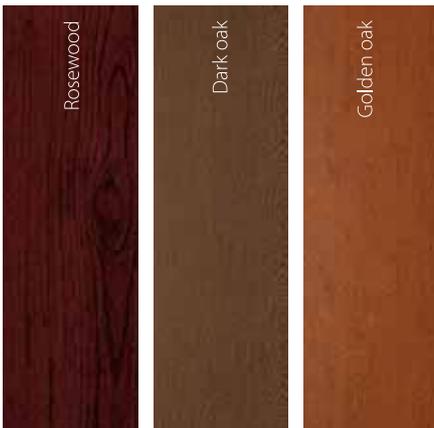
Special **RAL colours** available on request

L-RIBBED DESIGN PANEL

Wood Finish Colours

External surface of a panel
Smooth

3 variants



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

* Please note these colours are for reference purposes only. For a closer representation of the actual colours please request a colour swatch.



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



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

SECTIONAL GARAGE DOORS WITH **GEORGIAN** DESIGN PANELS

Trend without wicket
Maximum door dimensions:
5000 x 3000 mm

External surface texture of a panel
Woodgrain

27 standard colours are closest match to the RAL colour stated*



Special **RAL colours** available on request

Door leaf made from
Georgian design panels



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 DESIGN PANEL

Wood Finish Colours

External surface of a panel
Woodgrain

2 variants



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

* Please note these colours are for reference purposes only. For a closer representation of the actual colours please request a colour swatch.

MICROWAVE

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

SECTIONAL GARAGE DOORS MADE FROM **MICROWAVE** DESIGN 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

27 standard colours are closest match to the RAL colour stated*

Flame Red RAL 3000	Ruby Red RAL 3003	Burgundy RAL 3004	Gentian Blue RAL 5010	Steel Blue RAL 5011	Pigeon Blue RAL 5014	Sky Blue RAL 5015	Moss Green RAL 6005	Fir Green RAL 6009	Pale Green RAL 6021	Slate Grey RAL 7015	Anthracite Grey RAL 7016	Graphite Grey RAL 7024	Stone Grey RAL 7030
Light Grey RAL 7035	Agate Grey RAL 7038	Window Grey RAL 7040	Clay Brown RAL 8003	Nut Brown RAL 8011	Brown RAL 8014	Terra Brown RAL 8028	Cream RAL 9001	Signal Black RAL 9004	Jet Black RAL 9005	White Aluminium RAL 9006	Grey Aluminium RAL 9007	Light Ivory RAL 1015	

Special **RAL colours** available on request



Texture **Woodgrain**



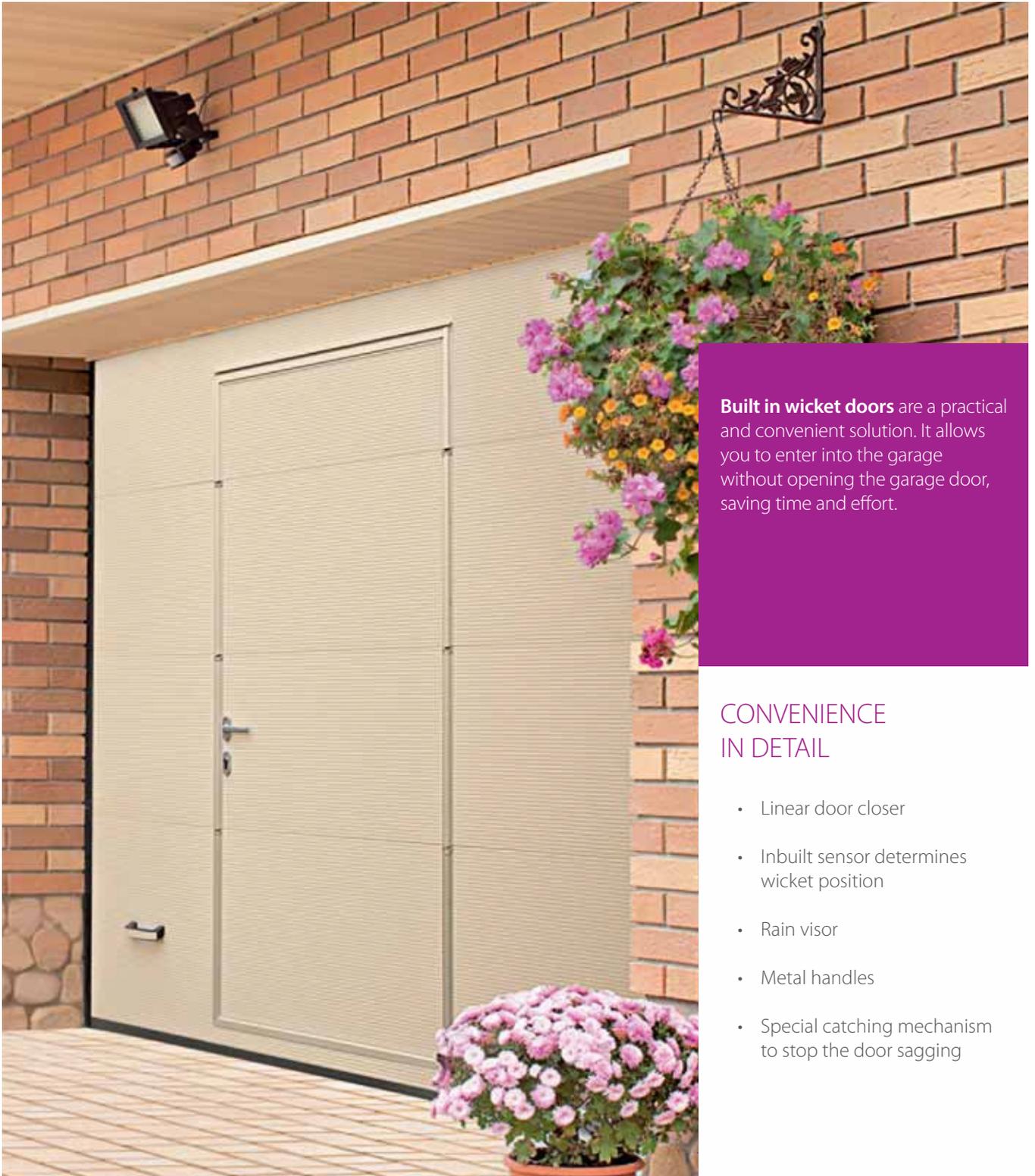
Internal finish of the panel is
textured

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

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

* Please note these colours are for reference purposes only. For a closer representation of the actual colours please request a colour swatch.

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**)



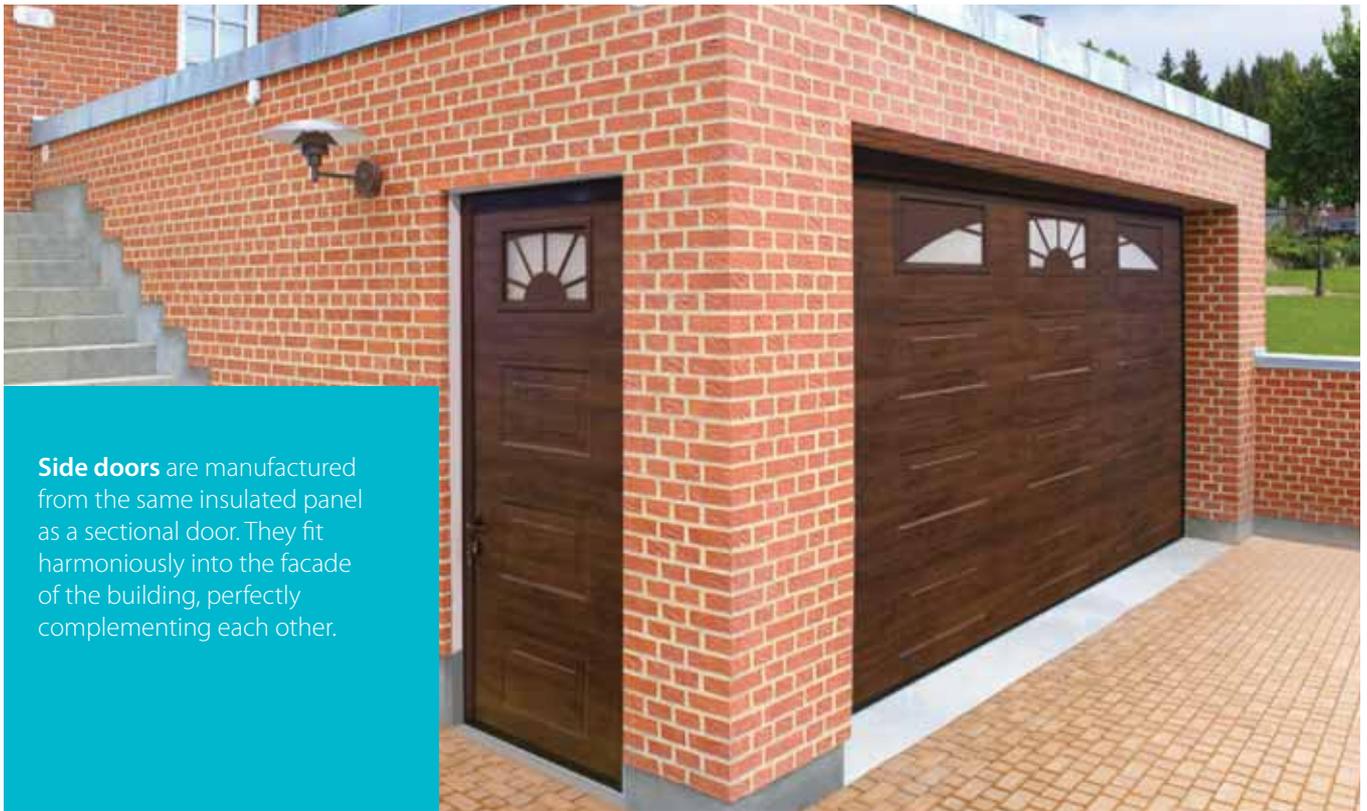
Silver aluminium
 (anodized coating, colour **A00-D6**)

other non standard colours are available on request



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

MATCHING SIDE DOORS



Side doors are manufactured from the same insulated panel as a sectional door. They fit harmoniously into the facade of the building, perfectly complementing each other.

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

Microwave	RAL 3000	RAL 5015	RAL 7024	RAL 8011	RAL 9006
	RAL 3003	RAL 6005	RAL 7030	RAL 8014	RAL 9007
	RAL 3004	RAL 6009	RAL 7035	RAL 8028	RAL 1015
	RAL 5010	RAL 6021	RAL 7038	RAL 9001	
	RAL 5011	RAL 7015	RAL 7040	RAL 9004	
	RAL 5014	RAL 7016	RAL 8003	RAL 9005	

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

*** Please note these colours are for reference purposes only. For a closer representation of the actual colours please request a colour swatch.**

Side doors made to match your sectional door are available.

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



27 standard colours close to RAL
3 wood finish colours*

RAL 3000	RAL 5015	RAL 7024	RAL 8011	RAL 9006	ROSEWOOD
RAL 3003	RAL 6005	RAL 7030	RAL 8014	RAL 9007	
RAL 3004	RAL 6009	RAL 7035	RAL 8028	RAL 1015	DARK OAK
RAL 5010	RAL 6021	RAL 7038	RAL 9001		
RAL 5011	RAL 7015	RAL 7040	RAL 9004		GOLDEN OAK
RAL 5014	RAL 7016	RAL 8003	RAL 9005		

S-ribbed



27 standard colours close to RAL
3 wood finish colours*

RAL 3000	RAL 5015	RAL 7024	RAL 8011	RAL 9006	ROSEWOOD
RAL 3003	RAL 6005	RAL 7030	RAL 8014	RAL 9007	
RAL 3004	RAL 6009	RAL 7035	RAL 8028	RAL 1015	DARK OAK
RAL 5010	RAL 6021	RAL 7038	RAL 9001		
RAL 5011	RAL 7015	RAL 7040	RAL 9004		GOLDEN OAK
RAL 5014	RAL 7016	RAL 8003	RAL 9005		

M-ribbed



27 standard colours close to RAL
3 wood finish colours*

RAL 3000	RAL 5015	RAL 7024	RAL 8011	RAL 9006	ROSEWOOD
RAL 3003	RAL 6005	RAL 7030	RAL 8014	RAL 9007	
RAL 3004	RAL 6009	RAL 7035	RAL 8028	RAL 1015	DARK OAK
RAL 5010	RAL 6021	RAL 7038	RAL 9001		
RAL 5011	RAL 7015	RAL 7040	RAL 9004		GOLDEN OAK
RAL 5014	RAL 7016	RAL 8003	RAL 9005		

L-ribbed



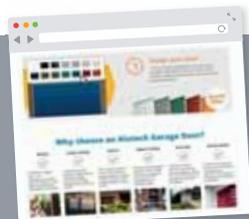
27 standard colours close to RAL
2 wood finish colours*

RAL 3000	RAL 5015	RAL 7024	RAL 8011	RAL 9006	ROSEWOOD
RAL 3003	RAL 6005	RAL 7030	RAL 8014	RAL 9007	
RAL 3004	RAL 6009	RAL 7035	RAL 8028	RAL 1015	DARK OAK
RAL 5010	RAL 6021	RAL 7038	RAL 9001		
RAL 5011	RAL 7015	RAL 7040	RAL 9004		GOLDEN OAK
RAL 5014	RAL 7016	RAL 8003	RAL 9005		

Georgian

 **VISIT**

www.jduktd.co.uk to use our unique design configurator and browse our gallery of sectional garage door projects



* Please note these colours are for reference purposes only. For a closer representation of the actual colours please request a colour swatch.

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**

Acrylic glazing available — **Clear**

Crystal textured frosting
Smooth opaque frosting

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 L-shaped cover profiles are a combination of two new sizes, 100mm and 120mm, along with newly designed brackets for the frame legs and header section, which provides the appearance of a bespoke-made door and frame. All are available in the current range of colours offered by JD (UK) Ltd.

The new cover profile sizes can be interchanged between frame leg and head frame. The main advantage is that the Alutech door and new Levigato automation can be installed in only 120mm of headroom.



BEAUTIFULLY SIMPLE

The NEW Alutech double side sprung door offers improved aesthetics to the door internally, with no requirement for overhead springs suspended from the ceiling or fixed above the garage door opening, which can be unsightly and inconvenient. Available for door sizes up to 4500mm wide and 2250mm high.

Alutech believes the Trend series of sectional door, with carefully thought out design, functionality and beautiful appearance, is the perfect choice every time.

The perfect partnership -
The Levigato automation system
goes hand-in-hand with any
style of Alutech Trend series
sectional door



LEVIGATO

AN EXCLUSIVE RANGE OF GARAGE DOOR OPERATORS

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

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 has 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.

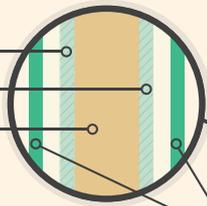
With its sleek design, the Alutech Levigato automation system is available with a fantastic range of accessories.



1 THERMAL INSULATION

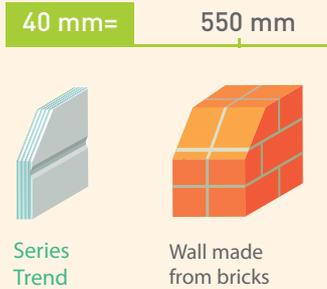
SANDWICH PANEL

- External steel sheet
- Internal steel sheet
- Foamed polyurethane



ALUTECH sandwich panels are 40mm thick.

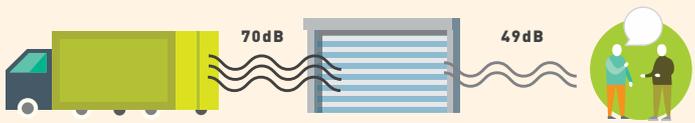
THERMAL INSULATION OF ALUTECH DOORS PANEL CORRESPONDS TO THE FOLLOWING MATERIALS



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.



4 COMFORT

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



ORT

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

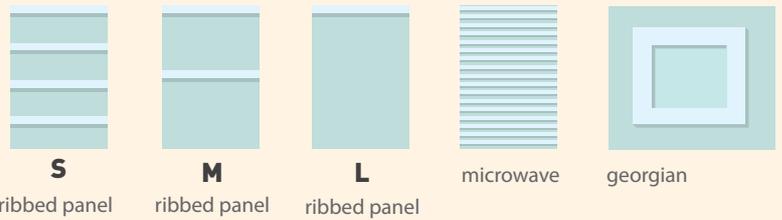
Doors withstand wind speed up to 120 km/h



6 EXCELLENT DESIGN

DIFFERENT PANEL PATTERNS

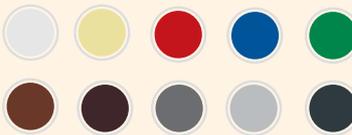
To suit all decorative styles



COLOUR RANGE

23 standard colours

Can be finished in all RAL colours (232 colours)



Wood finish colours



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 m² of door leaf weighs approximately 15 kg. Weight of medium size door of Trend Series (7 m²) — 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

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.



AluminTechno

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.



Alutech Incorporated

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.



JD (UK) Limited

Ravensthorpe Industrial Estate Low Mill Lane Havelock Street Ravensthorpe Dewsbury WF13 3LN
T: 01924 472924 E: sales@jdukltd.co.uk W: jdukltd.co.uk

AlutechL Alutech Garage Doors Alutech Systems Ltd



www.alutechsectionaldoors.com