

# SECTIONAL GARAGE DOORS



**ALUTECH**  
GROUP OF COMPANIES





7

## POINTS FOR ALUTECH GARAGE DOORS

### 1 ULTIMATE LIFESPAN OF DOOR SPRINGS

Ultimate service life of springs is guaranteed, this means the door can run up and down up to **25,000** times. This is equivalent to **17 years** of continuous operation with opening and shutting the door 4 times per day.

### 2 ENSURED SAFETY

ALUTECH sectional doors ensure protection against:

- **finger jamming;**
- **snagging and cutting;**
- **uncontrolled door leaf movement;**
- **door leaf falling in the event of spring breakage.**

ALUTECH sectional doors are fully compliant with the EN 12604, EN 12453, EN 12424, EN 12425, EN 12426 requirements of European safety standards.

### 3 INDIVIDUAL DESIGN

We offer you **5 types** of leaf design and a wide colour range — up to **10 colours** at a standard price.



### 4 SILENT OPERATION

Rollers with anti-friction bearings ensure silent operation of the door system. **Roller bearings of closed type** are protected against dust and water penetration and do not need re-lubrication.

### 5 ANY OPERATIONAL ENVIRONMENT

We offer **Trend 40 mm** and **Classic 45 mm** door systems, so that you can easily choose the system according to the doors operation conditions, at the most affordable price.

### 6 DURABLE COATING

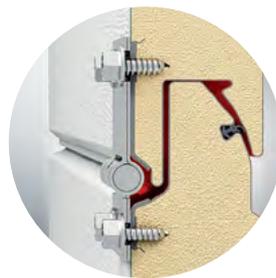
The door leaf withstands exposure to salt fog for **750 hours**, which corresponds to **15 years** of operation in coastal regions and industrial areas with high levels of pollution. **16µm** zinc coating and **23-25 µm** polyurethane coating modified by polyamide particles (**PUR-PA**) ensure unique anticorrosion properties.

### 7 WIDE RANGE OF POSSIBILITIES AT A STANDARD PRICE

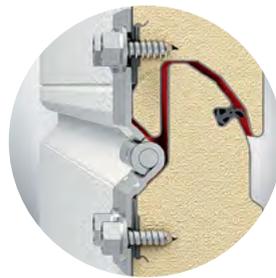
We produce our door systems at a standard price individually for every customer. You may order a system of any size with a vertical and horizontal spacing of **5 mm**.



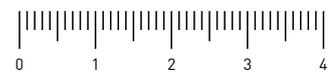
# Perfect Construction of Sandwich-Panels



**45 mm** for **Classic** Garage Doors  
 thickness of panel



**40 mm** for **Trend** Garage Doors  
 thickness of panel



- ➔ Steel panels filled **with polyurethane foam** to ensure good thermal insulation.
- ➔ The panel construction **ensures protection against finger jamming** according to European safety standard EN 12604.
- ➔ **Closed-circuit construction** ensures high durability of panels and eliminates delamination due to overheating or sudden door lowering.
- ➔ **4-layer metal construction** in fixing points makes the panel more rigid. Durable connection of steel leaves prevents delamination when the door is suddenly lowered.
- ➔ **Durable polyurethane coating** ensures high anticorrosion properties of the door system.
- ➔ **Adhesive lacquer** ensures good adhesion of steel sheets and foam protecting the panel against steam blowing while heated in the sun.
- ➔ **Frost-proof rubber EPDM sealing** guarantees high thermal and sound insulation.

# Classic Series

Due to the better thermal insulation, high durability and good anticorrosion properties **Classic** garage doors are suitable for operating in the most severe working conditions!



## PERFECT THERMAL INSULATION

The panel of 45 mm thick guarantees perfect thermal insulation. The reduced thermal transmission resistance of ALUTECH panels is equal to that of a brick wall 60 cm thick. **Such properties of the door construction makes it possible to cut heating costs.**



## STAINLESS COMPONENTS

Intermediate hinges and roller brackets are made of stainless steel AISI 430 and achieve high anticorrosion properties. **This ensures successful operation of the door in premises with high levels of humidity and in coastal regions.**

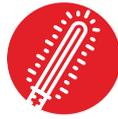


## HIGH LEVEL OF WIND RESISTANCE

Due to the special construction of the sandwich-panels a door-leaf achieves a high level of impact and wind resistance (class 4 wind resistance according to EN12424). **The door system can withstand wind velocity up to 120 km/h.**



# Heat-Protective Classic Garage Doors



For heated premises



For premises with high humidity level



For severe climate regions

- Sandwich-panel **45 mm** thick.
- **Stainless steel** roller brackets and intermediate hinges.
- Individually designed doors at a standard price. Vertical and horizontal spacing of **5 mm**.



## EFFICIENT THERMAL INSULATION

ALUTECH garage doors are fitted with polymeric EPDM-sealants along the perimeter. The sealants have two wings and together with a gap between them ensure additional thermal insulation.



# Trend Series

Robust reliable construction of **Trend** garage doors guarantees successful operation during the life-time.



## SUSTAINABLE DESIGN

Painted **angle posts and cover strip** perfectly go together with the door leaf. The standard colour of the Trend series doors is white (RAL9016). The door frame can be painted in any RAL colour upon the Customer's request.



## ADDITIONAL PROTECTION OF THE ANGLE POSTS

High precipitation level may cause the water accumulation at the bottom of the doors. **Polymeric protection of the angle posts** brings the risk of corrosion down to a minimum.



## RELIABLE TRACK PROFILE SYSTEM

The track profile system is entirely made of galvanized steel. Robust reliable construction of **a steel head assembly\*** ensures successful operation.

\* Similarly to the Classic series.



# Functional Trend Garage Doors



Reasonable  
price



For moderate  
climate regions



For unheated  
premises

- Sandwich panels **40 mm** thick.
- **Galvanized steel** roller brackets and intermediate hinges.
- Made to measure doors at no additional cost, manufactured in **5 mm** increments of height and width.



## DRAUGHT PROTECTION

**Adjustable roller brackets\*** allow a tighter seal between the door leaf and seals ensuring good thermal insulation and protection against draughts.

\* Similarly to the Classic series.



# Individual Style and Sustainable Design



5

TYPES OF SANDWICH-PANELS

10

STANDARD COLOURS\*

3

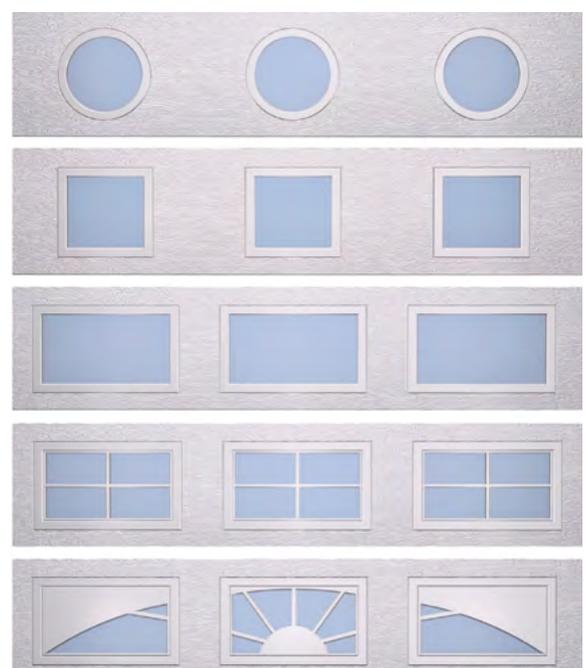
COLOURS IMITATING WOOD GRAIN

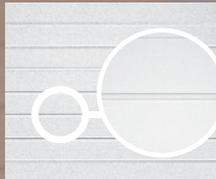
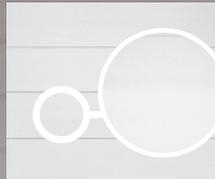
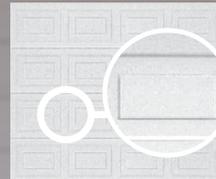
RAL 9016
RAL 9006
RAL 1015
RAL 8014
RAL 8017
RAL 5010
RAL 3004
RAL 6005
RAL 7016
ADS 703
Golden oak
Dark oak
Cherry

## Accessories for Comfort

### Windows

Windows are an attractive option for your garage door, allowing natural light into the garage which can help to cut electricity costs.



	 Embossing Woodgrain    Smooth surface <b>S-ribbed</b>	 Embossing Woodgrain    Smooth surface <b>M-ribbed</b>	 Embossing Woodgrain    Smooth surface <b>L-ribbed</b>	 Embossing Woodgrain <b>Microwave</b>	 Embossing Woodgrain <b>Cassette</b>
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\* Colours closely correspond to the RAL-scale.

## Inbuilt Wicket Door

The wicket provides an additional entry into the garage, which helps to extend the doors lifespan, saving effort and energy and keeping the garage warm.

Inbuilt wicket door



Side wicket door



## Locking System

A garage without an additional entry point may need a lock which allows the user to open and close the door securely.



To make the operation of the Trend and Classic door systems safer and easier ALUTECH offers reliable automatics manufactured by **Marantec**.



Marantec 



**COMFORT 50, 60, COMFORT 270, 280 series**

An automatic system manufactured by the leader in the market of automatics.  
Excellent quality is now available for everyone.

# Automated Sectional Doors Provide You with Comfort



Convenient operation

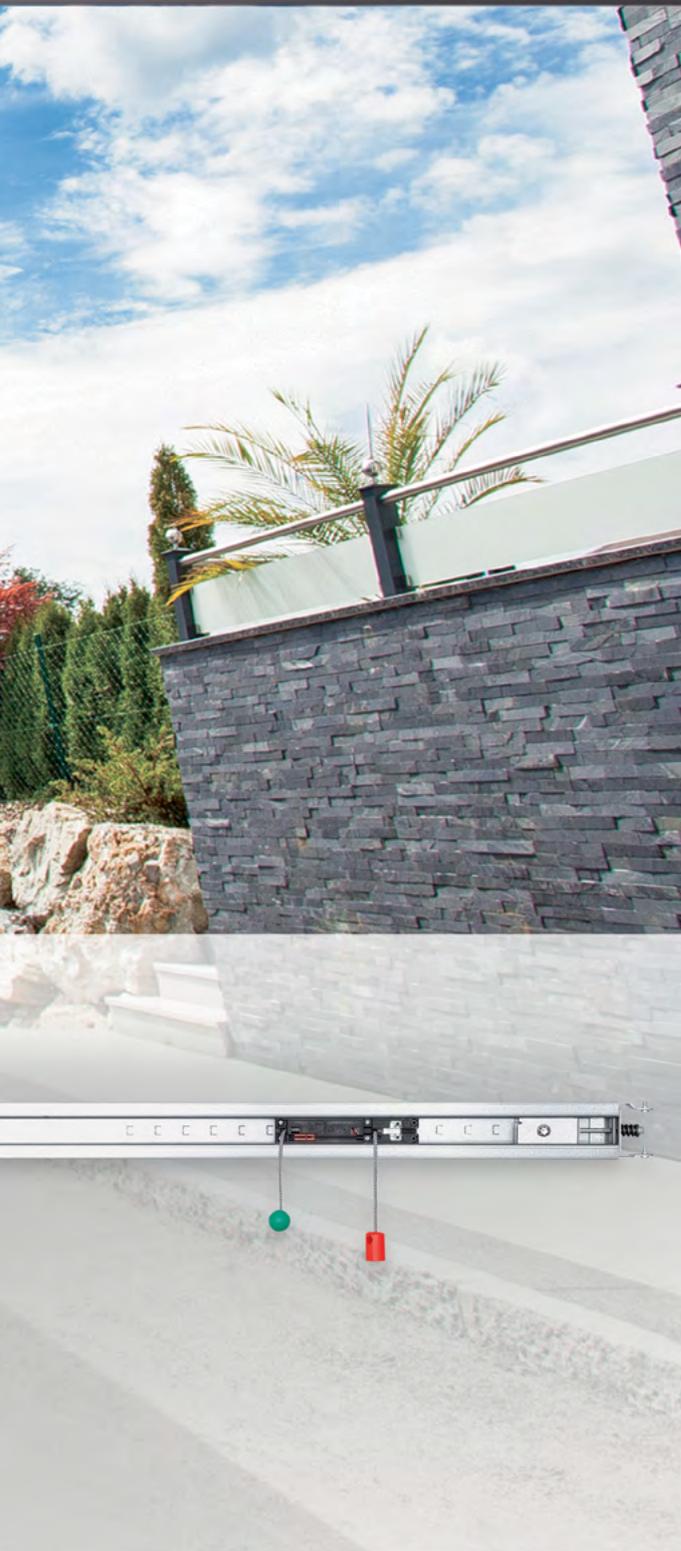


Remote control



Compatible price

- Remote control and digital control panels.
- Photocells and signal lamps for safe operation.
- Single remote controller for all roller shutter and sectional door systems in the house.



“Alutech Doors Systems” LLC



“Alutech Incorporated” LLC



“AluminTechno” LLC



**ALUTECH** Group of Companies holds the leading position in the roller shutter and sectional door systems market in Eastern and Western Europe as well as in manufacturing aluminum profile systems among the eastern European countries. **ALUTECH** Group of Companies comprises five manufacturing enterprises, three of which produce sectional door systems in Belarus, Russia and Ukraine.

All the enterprises of the Company are equipped with high-technology equipment that includes:

- modern high-performance production line for sandwich-panels of sectional doors;
- roll forming lines;
- aluminum lath coating and cutting facility;
- high-tech production lines for aluminum extruded profiles;
- automatic aluminum components production lines;
- modern powder coating lines;
- the largest in Eastern Europe for anodizing aluminum profiles.

Owning manufacturing units within the Company allows the specialists employed at **ALUTECH** to control the quality of products at every stage of the industrial process – from purchase of raw materials to the packing of manufactured goods.

**ALUTECH** Group of Companies has certified its Quality Management System in compliance with **ISO 9001** in **TUV CERT** system.

**ALUTECH** Group of Companies is extremely active in the market. Today the manufactured products are supplied into 65 countries including Western and Eastern European countries, South-East Europe, as well as the USA, Canada, Northern European countries and Iceland. **ALUTECH** sectional doors manifest the esthetics of the system quality and ensure comfort and safety of your home.

