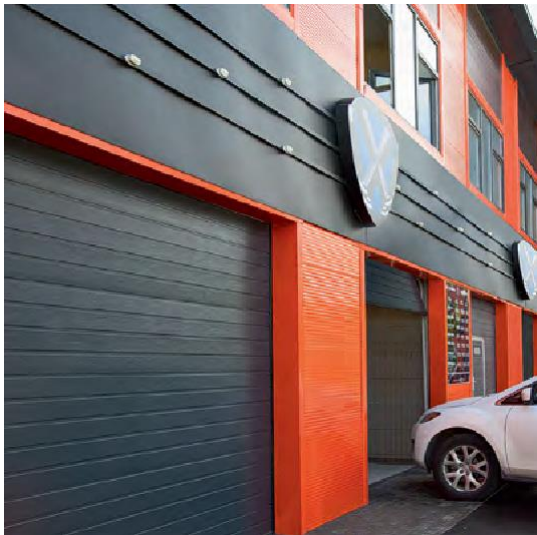


INDUSTRIAL SECTIONAL DOORS





7

ARGUMENTS FOR ALUTECH DOORS

1 GUARANTEED SAFETY

We guarantee the operational safety of our industrial doors. The doors comply with European safety requirements EN 12604, EN 12453, EN 12424, EN 12425, EN 12426.

2 LIFETIME DURABILITY CONFIRMED BY TESTS

Parts with high anti-corrosive resistance are used in the production of these doors:

- painted side caps and torsion springs;
- sandwich-panels with polyurethane coating, modified with polyamide particles (PUR-PA);
- track system made from hot-galvanised steel.

Tests have confirmed: door leaf remains without corrosion for up to 15 years of operation in coastal regions.

3 ENERGY EFFICIENCY

The steel panels, filled with foamed polyurethane possess great heat insulation properties. Such doors ensure a comfortable temperature in industrial buildings and allow a saving in heating costs.

4 STRENGTH AND RELIABILITY

Steel sandwich-panel, filled with high density polyurethane, ensures rigidity of the panel and high resistance to impact and wind loads. The ProPlus doors bear loads up to 700 Pa, which is comparable with a 120 km/h wind force.

5 WIDE CHOICE OF MOUNTING OPTIONS

10 types of mounting allow installation of the doors in openings with many different features. The doors are produced individually for a specific opening in increments of 5 mm in height and width.

6 ACCESSIBLE AND QUALITATIVE SERVICE

The ALUTECH Group of Companies is not only producing doors with great capability, but they ensure a fast and qualitative service.

7 LONG-TERM COATING

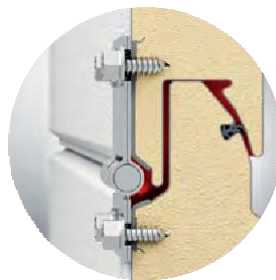
The wide range of industrial doors produced makes it easy to choose doors with a features to suit individual needs:

- ProPlus and ProTrend types made of sandwich-panels;
- panoramic doors AluPro, AluTherm and AluTrend.

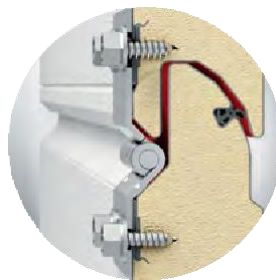




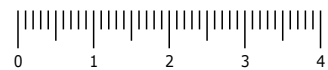
Perfect Construction of Sandwich-Panels



45mm for **ProPlus** Doors
thickness of panel



40mm for **ProTrend** 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.

Practical Industrial ProTrend Doors



Affordable
price



For use
on industrial buildings

- Sandwich-panel of 40 mm thickness.
- Roller brackets and hinges made of galvanised steel.
- Maximum size of doors — 7000×6000 mm.

ProTrend doors are durable and safe: the standard set includes spring and cable break protection systems without any additional cost.

The spring endurance of our industrial sectional doors is rated as 25,000 open-close cycles. This compares to about 17 years of everyday usage with 4 open-close cycles a day during the whole period.



Energy Efficient Industrial **ProPlus** Doors



For buildings
with high humidity



For regions
with cold climate

- Sandwich-panel of 45 mm thickness.
- Roller brackets and hinges made of stainless steel.
- Maximum size of doors — 8000×7000 mm.



Including regions
of the Far North!

The strong and well insulated sandwich-panel allows ProPlus doors to be used in high wind load regions, in cold climates (including regions of the Far North) as well as in buildings with stringent heat insulation requirements.

ProPlus doors are perfectly suited for operation under high humidity conditions: car wash, coastal and industrial regions.

Intermediate hinges and roller brackets made of stainless steel ensure high anti-corrosion resistance.

Panoramic Doors — Trend of Modern Architecture

An elegant aluminium construction with full glazing corresponds to modern design requirements and ensures excellent heat and acoustic insulation. Panoramic doors are the perfect solution for hi-tech buildings, car showrooms and industrial facilities. ALUTECH panoramic doors offer a functional series: AluPro, AluTrend, AluTherm, which take into account the basic needs of clients.



Economical **AluTrend** Panoramic Doors



Competitive
price



Wide range
of applications

- Panoramic panel of 40 mm thickness.
- Fittings made of galvanised steel.
- Maximum door size — 7000×6000 mm.
- Practical solution for doors on many different facilities.



Functional Panoramic AluPro Doors



For buildings
with high humidity



Wide range
of options

- Panoramic panel of 45 mm thickness.
- Fittings made of stainless steel.
- Maximum door size— 7000×6000 mm.
- Wide assortment of glazing and additional options.



Warm Panoramic AluTherm Doors

with thermal break



Economy
on heating costs



Effective heat
insulation

- Panoramic panel of 45 mm thickness.
- Translucent insert with double or triple glazing.
- Thermal insulation properties are increased by 40% thanks to aluminium profiles with thermal break.



Design Solutions for Industrial Facilities

Additional Option for a Individual Design



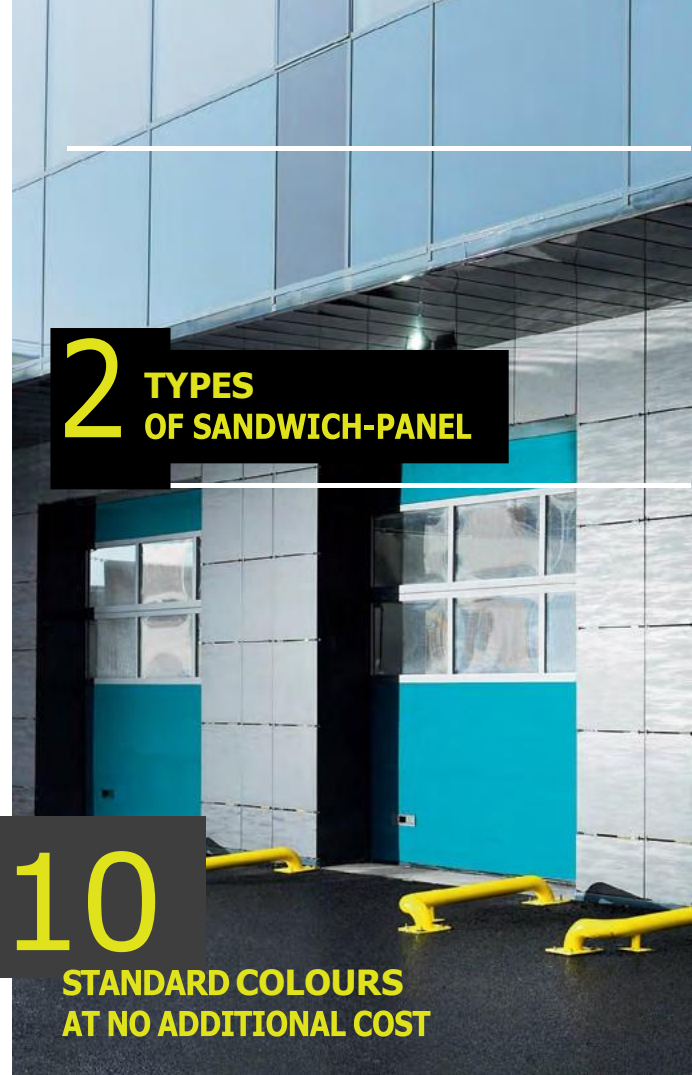
Any doors can be individually coloured according to RAL scale*.

Options for Industrial Doors



Lock

We offer a lock for industrial doors fitted to buildings without an additional entrance. It allows the door to be opened and closed from inside and outside.



2 TYPES OF SANDWICH-PANEL

10 STANDARD COLOURS AT NO ADDITIONAL COST

Wicket Door

Wicket Door is a practical solution, that allows entry without opening the entire door. It ensures flexibility in operation and saves wear and tear of the main door.





* Colours closely correspond to the RAL-scale.

Jacking Protection Device

This protection device prevents jacking (illegal lifting) of the door by reliably locking the door leaf and stopping criminals from breaking into the building.



Set of Fittings for Use in Buildings with High Humidity

Additional anti-corrosion coating and components made of stainless steel allow an increase in the door's lifetime under the high humidity conditions.



Window

Glazing options for doors provide natural lighting within premises and allow energy savings.



Automatic doors are operated with a control panel or remote control devices. For door automation we offer Marantec – automatic.



Marantec **M**

Automation from the world`s leader in automation system manufacturing. High quality is accessible for everyone now! For industrial doors we offer STA drives: affordable price of sets with integral control module and functional solution with external control module.





Automatic Industrial Doors



Comfortable operation



Functionality



Safety and reliability

- Remote control devices: remote control, digital keypads with radio co.des.
- Photocells, optical sensors and signal lamps for safe and reliable operation.
- Adaptation to aggressive conditions of operation (wet and unheated facilities).



◆Alutech Doors Systems◆ LLC



◆Alutech Incorporated◆ LLC



◆AluminTechno◆ GmbH



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.