

GLAXTIC®

INDUSTRIAL SECTIONAL DOORS



- **INDUSTRIAL SECTIONAL DOORS**
- **HIGH SPEED AUTOMATIC DOORS**
- **LOADING DOCK SYSTEMS**
- **PVC STRIP CURTAINS AND PVC SHEETS**

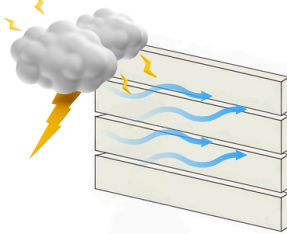
QUALITY IN DETAILS

ENERGY-SAVING



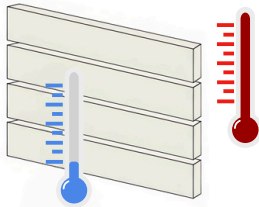
GLAXTIC industrial doors are designed to meet energy-saving requirements. The doors keep the weather out and reduce the cost of energy consumption.

STRENGTH



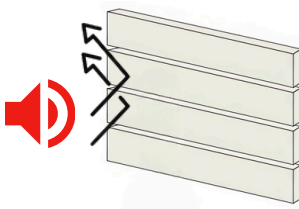
GLAXTIC industrial doors are manufactured with advanced, high-quality materials that can withstand heavy winds (EN 12424:2000).

WEATHERPROOFING

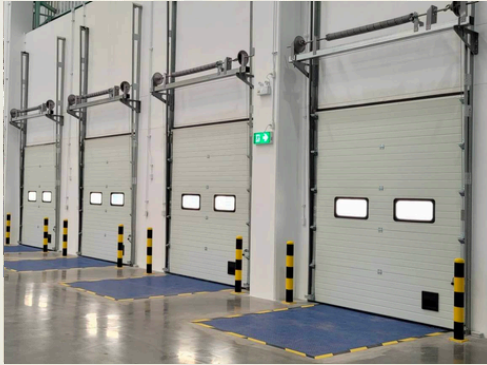


The unique panel design and sealing system enhance the doors' weather resistance, eliminating drafts and sudden drops in temperature. This is particularly important for premises used to store goods requiring specific temperature conditions. EN 12427:2002 and EN 12489:2002 certified.

SOUNDPROOFING



GLAXTIC industrial doors also offer excellent thermal and acoustic insulation, reducing noise from outside and within working areas.

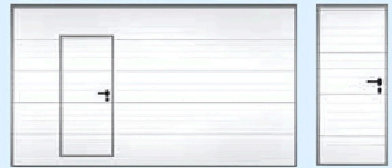


INSTALLATION REQUIREMENTS

Door opening height — from 2 000 to 8 000 mm.
 Door opening width — from 2 000 to 7 000 mm, door design with vertical-type lift — to 8 000 mm.
 Headroom clearance — minimum 150 mm.
 Backroom clearance — door leaf height + 500 mm.
 Sideroom clearance — minimum 140 mm.



Sectional door + entrance door



Sectional door with pass door+ entrance door



Sectional door with windows + entrance door

TECHNICAL FEATURES	VALUE
Applicable Door Opening	
Maximum Width	9000 mm
Maximum Height	8000 mm
Working Voltage/Frequency	380V / 50Hz
Motor Power	180W, 380W
Thickness of Door Panel	40 mm, 50 mm
Heat Transfer Coefficient	$K < 0.8 \text{ W/m}^2\cdot\text{K}$
Sound Insulation Property	23 dB
Applicable Temperature	-40°C to 50°C
Wind load	Class 2 (EN12424:2000)
Operating Speed	0.2 m/s

WINDOWS



GLAXTIC sectional doors are also available with windows that fit snugly into the door leaf, preventing frost penetration and heat loss.

Window frame colour — signal black (RAL 9004), sizes available — 635x330mm and 607 x202 mm.

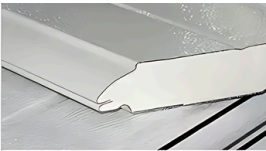
Window frame colour — silver grey (RAL 7001), diameter —360 mm.

GLAXTIC INDUSTRIAL SECTIONAL DOOR



Industrial Finger Protection Panels

1.0mm thickness reinforcement steel
sponge seal
Standard width: 500mm
Max length: 11.8mm
Thickness: 40+2mm
Density: 45±2kg/m³
Material: Galvanised Steel epoxy paint



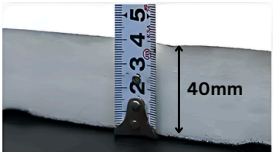
Male head



Inside 1.0mm Steel plate



Female head



Thickness



Types of panels



● Standard ribs **GVT** Micro-profile Micro-profile with central groove Smooth with central groove ● Central rib Smooth

Types of surfaces



● Stucco surface



Panels can be painted in any colour you desire from the International RAL Color Chart. Colour swatches printed on this page may not accurately display the original colours. Please use the original RAL Color Chart. Publication for the most accurate colour.

Standard RAL colours



RAL 9002 grey white RAL 8014 sepia brown RAL 5005 signal blue RAL 6005 moss green RAL 3000 flame red RAL 9006 white aluminium RAL 7016 anthracite grey

GLAXTIC industrial door panels feature a standard foamed **polyurethane (PU)** core, a high-quality and advanced insulating material, making the 40 mm thick panels suitable for use in all weather conditions. Users also have the option to choose panels with a **polyisocyanurate (PIR)** core, which have been rigorously tested and certified by SGS (Ref. No. SUBC035087, SDFS201100007278FF).

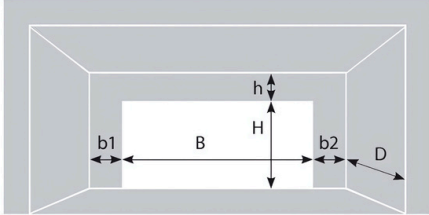
Steel reinforcements in the hinges provide superior joint strength, enhancing the rigidity and break resistance of the doors.

GLAXTIC industrial door panels are available in 6 options, with a Stucco surface texture as standard, and in any RAL color (RAL 9002 is the standard color).



DIMENSIONS AND LIFT TYPES

VARIETY OF SOLUTIONS AND FUNCTIONALITY



DIMENSIONS

H — opening height (distance between floor and doorway top — from 2 000 to 8 000 mm.
 B — opening width (distance between left and right edges of opening) — from 2 000 to 7 000 mm, with a vertical lift, up to 8 000 mm.
 h — headroom (space from top of opening to lowest ceiling point) — minimum 150 mm (type of track used depends on headroom clearance).
 b1 and b2 — sideroom — minimum 130 mm.
 D — backroom (distance between opening to internal wall of garage) — maximum H plus 500 mm.

STANDARD AND OPTIONAL COMPONENTS

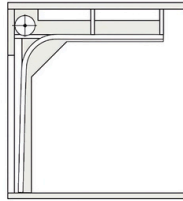
Standard components :

- Spring mechanism designed for 25,000 open/close cycles
- Spring failure safety device
- Rubber buffers or bumpers (depending on selected design)
- Handle
- Latch
- Set of technical documents

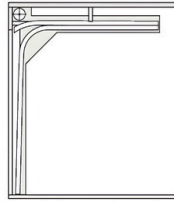
Optional components :

- Spring mechanism designed for 50,000, 75,000 and 100,000 door open/close cycles
- Windows available in 2 types
- Pass door with linear closer
- Cable break safety device
- Lock
- Automation
- Manual chain operator
- Bottom/top aluminium profile with T-Bridge system
- External sealing

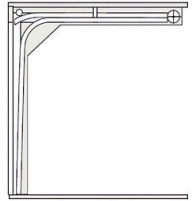
LIFT TYPES



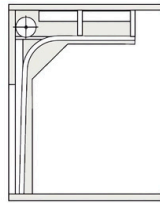
Standard lift



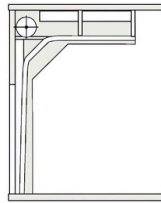
Low lift, front drum



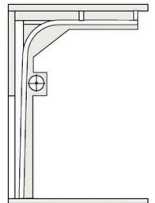
Low lift, rear drum



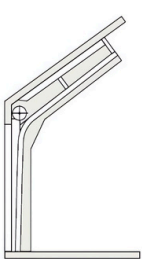
High lift



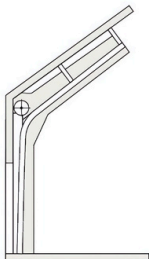
High lift with double curve



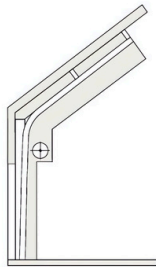
High lift, bottom drum



Standard inclined lift



High inclined lift



High inclined lift, bottom drum



Vertical lift



Vertical lift, bottom drum

SAFETY CONCEPT AND CONSTRUCTION

SPEED, RELIABILITY AND SAFETY



The spring safety device disables the shaft and prevents the sectional door leaf from falling.

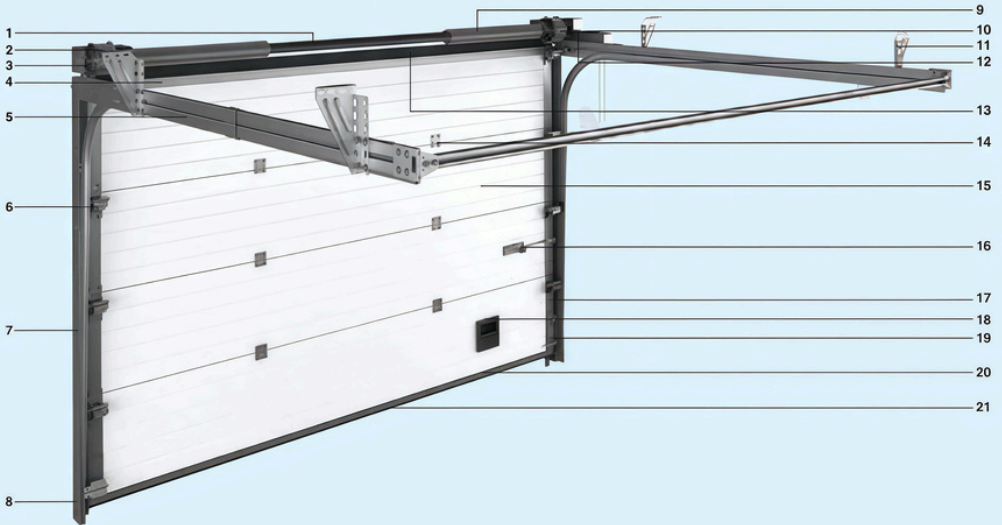


The cable break protection device with protective housing is mounted on the leaf as a bottom bracket. It stops the door leaf from falling by fixing itself to the track in the event of a cable failure.



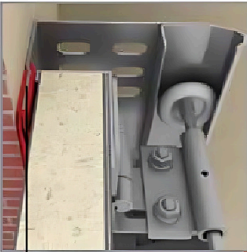
The cable safety device blocks the door leaf by hooking itself onto the strip mounted on the vertical angle of the door in the event of a cable break or an unauthorized attempt to lift open the door.

SECTIONAL DOOR CONSTRUCTION



- | | |
|---|---|
| 1. Shaft (octagonal) | 12. Shaft operator |
| 2. Drums | 13. Top seal |
| 3. End U-shaped support bracket | 14. Hinges |
| 4. Top profile | 15. Door leaf made from sandwich panels |
| 5. Tracks | 16. Lock |
| 6. Adjustable bracket with roller | 17. Side cover |
| 7. Vertical angle | 18. Handle |
| 8. Bottom cover | 19. Bottom bracket with cable break protection device |
| 9. Torsion mechanism with Quick Fix system | 20. Bottom profile |
| 10. Spring safety device | 21. Bottom seal |
| 11. System for attaching horizontal tracks to ceiling | |

ENERGY EFFICIENCY SYSTEMS

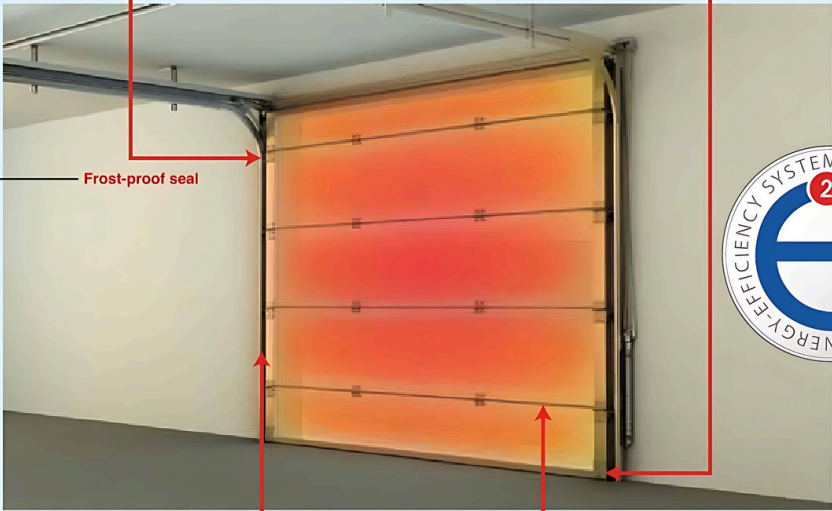
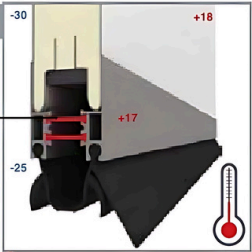


New side weather seal for industrial doors

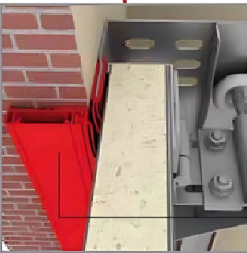
- The frost-proof seal has an extended surface that shields the opening as well as a reliable fixture to the vertical angles.

Heat-resistant bottom profile

- No heat loss with T-bridge heat-resistant bottom profile.



Frost-proof seal



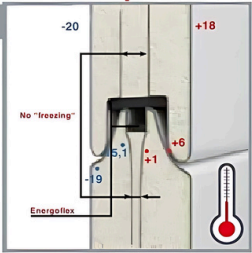
External sealing

- External sealing gives the tightest fit between the door leaf and the seal.
- The air chamber formed between the seals provides maximum air tightness, which prevents cold air from entering the premises.

External sealing

No "freezing"

- Freezing does not occur in GLAXTIC sandwich panels between the outside and inside steel sheets. That makes the door thermal resistant and prevents freezing of panels in joints



No "freezing"

Energoflex

DOOR AUTOMATION OPTIONS



CONVENIENCE AND EASE OF USE



SHAFT OPERATORS

GLAXTIC operators are the ideal solution for any type of industrial door. It consists of an electric motor and gear box. It is equipped with a built-in control unit and a 3-position control station. In the event of a power cut you can open and close the door manually using the chain.

TRAFFIC LAMP

Enhances safety by visually signaling when the door is in operation, helping to prevent accidents and collisions. It also improves workflow by guiding traffic flow and reducing delays, ensuring efficient operations in busy industrial environments.



REMOTE CONTROL

GLAXTIC industrial doors can be operated by remote control. One remote can operate 4 doors.



3-POSITION CONTROL STATION

Individual door motion control. Separate stop button.



2-POSITION CONTROL STATION WITH KEY

Used to operate the door. Prevents unauthorized door control.

OPTOELECTRONIC SENSORS

The sensor kit includes two infrared safety sensors: a receiver and a transmitter. Both sensors are fitted into a rubber seal. When the rubber profile is deformed, the optical beam is interrupted, sending a signal to the control unit to stop or reverse the door.



KEY BUTTON

A key-button is mounted on exterior surface. It has vandal-proof metal casing and a watertight rear wall. Easy installation and connection.

KEYPAD

Designed to remotely control an electric door operator with a built-in or external GLAXTIC receiver, radio commands can only be issued after entering an access code. The system offers easy installation and configuration

PHOTOCELLS

Photocells are safety devices used to prevent an industrial overhead door from descending when an object or person enters or obstructs the door's operational area. These devices use photoelectric sensors to emit an infrared beam; when this beam is interrupted, it signals the control board of an