



# Industrial Sectional Doors

With the innovative wicket door with trip-free threshold







# Good Reasons to Try Hörmann

The market leader has all the innovations

Only from Hörmann



# 1

## A permanently clear view

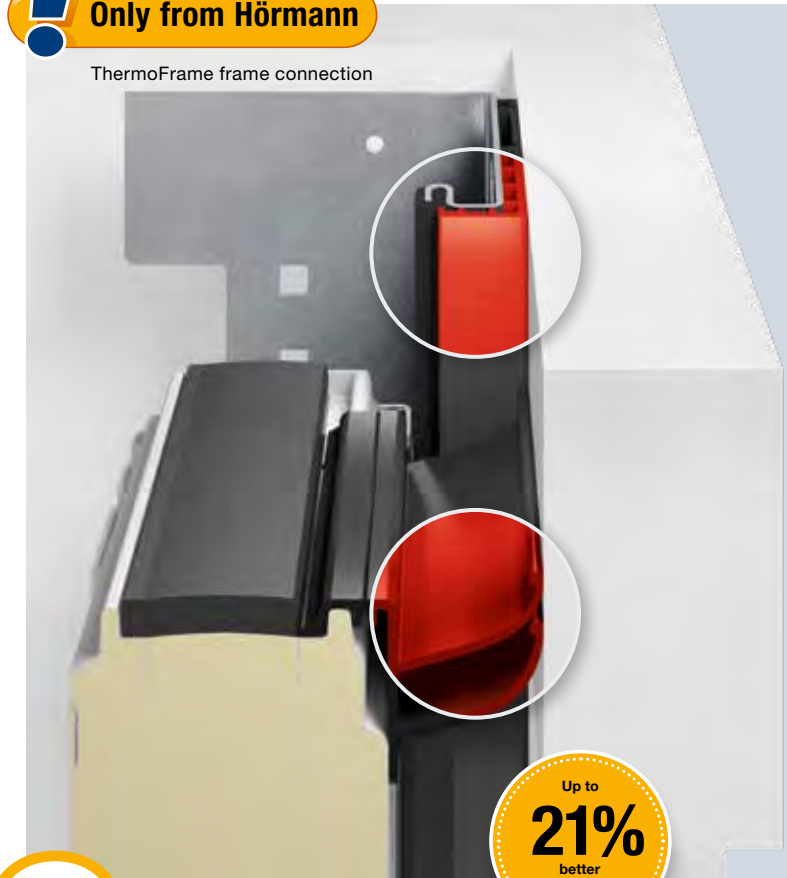
Industrial doors with large glazing offer maximum transparency and plenty of natural illumination within the building. **The scratch-resistant DURATEC synthetic glazing provides a permanently clear view.** A special surface coating, similar to that used on car headlights, protects the pane from scratches and damage caused by cleaning over the long-term. This preserves the attractive appearance despite wear in rough industrial settings. **The DURATEC glazing is available as standard and at no extra charge for all sectional doors with clear synthetic glazing – only from Hörmann.**

For further information, see pages 56 – 59.



See the short film at:  
[www.hormann.co.uk/videos](http://www.hormann.co.uk/videos)

Only from Hörmann



ThermoFrame frame connection



# 2

## Efficient Thermal Insulation

Well-insulated industrial sectional doors are essential in heated buildings to keep energy losses at a minimum. **Hörmann industrial sectional doors with 67 mm sections with thermal break offer very effective insulation and thus save energy costs.** Triple or quadruple panes with thermal break additionally limit the risk of condensation water accumulation. **You can additionally obtain up to 21 % better thermal insulation with the optional ThermoFrame frame connection,** which thermally separates the frame and the brickwork while also sealing the door better with double seals.

For further information, see pages 60 – 61.



**Wicket door construction  
with thermal break, depth 67 mm**



# 3

## Long-lasting design

In every detail Hörmann industrial sectional doors are designed for a long service life: from rollers with ball-bearing via rugged section connections up to the optimal spring shaft equipment. This allows more than 25000 actuations with special equipment up to 200000. **The heavy-duty design lowers the maintenance and service costs, making Hörmann industrial sectional doors overall economic and sustainable.**

# 4

## Suitable fitting solutions

With more than 30 track applications, industrial sectional doors **can be optimally matched to the architecture and requirements of your building.** Detailed solutions such as low-mounted spring shafts or screw-fitted components additionally facilitate maintenance and make the doors especially service-friendly.

For further information, see pages 62 – 63.

# Good Reasons to Try Hörmann

The market leader has all the innovations



# 5

## Optimised logistics systems

Hörmann industrial sectional doors and operators are **optimally matched to the Hörmann loading technology**. You therefore receive a logistics solution that perfectly matches your requirements in terms of thermal efficiency and functions. The industrial doors Parcel and Parcel Walk were especially developed for parcel services. They allow vehicles with different heights (such as lorries and transporters) to be effectively loaded and unloaded at a loading bay.

For further information, see pages 44 – 47.



**Only from Hörmann**

European patent

# 6

## Safe and convenient working



Sometimes minor things have major effects. The stainless steel threshold rail of Hörmann wicket doors is particularly flat – which facilitates working and minimises risk of accident. **This reduces the risk of tripping and makes it considerably easier for slide carriages to pass through.** Under certain circumstances, Hörmann wicket doors with trip-free threshold can even be used as escape doors and for barrier-free passages.

For further information, see pages 48 – 51.



See the short film at:  
[www.hormann.co.uk/videos](http://www.hormann.co.uk/videos)



# 7

## Harmonious design

Hörmann industrial sectional doors, doors with wicket door, side doors and panels are designed in such a way that all elements present a harmonious overall view when they are fitted in a line of buildings. **The rails of the aluminium frames are aligned to match** – for both standard profiles and profiles with thermal break. This also applies to the combination of doors with different depths. This way, your company will present its best look in all cases.



# 8

## Individual design possibilities

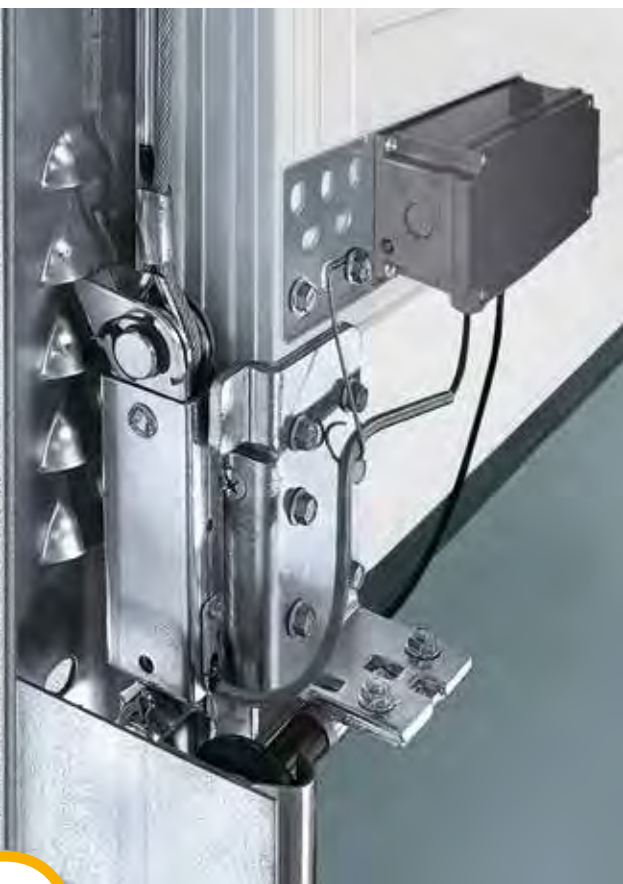
**With Hörmann industrial sectional doors you can design your facades according to your wishes.** Individual possibilities emerge from the integration of the doors in the facade with a flush-fitting design made of wood, metal, ceramics, plastic and other materials. The Vitraplan glazing offers an engaging mix of reflection and transparency. The wide glazing sections of the Glazing doors offer a free view of your exhibition areas.

For further information, see pages 36 – 43.



# Good Reasons to Try Hörmann

The market leader has all the innovations



# 9

## Break-in resistant as standard

It is also important for industrial doors to be reliably break-in-resistant to protect your building. The **standard anti-lift kit** functions mechanically and thus effectively protects your goods and machines during power outages. Additional security is offered thanks to an optional rotary latch and shootbolt as well as floor locking. Wicket doors are also optimally protected thanks to the optional multiple-point locking. They are protected against break-ins across the entire door height. You can also optionally equip side doors with break-in-resistant RC 2 security equipment.

For further information, please see page 68.



# 10

## User-friendly equipment

We offer you a wide range of optional equipment. This **allows you to conveniently adjust any door to your requirements**. For manually operated doors, there are operation aids such as pull rods, cable or chain hand pulleys. Or you can equip your door with an exterior handle to securely close it and conveniently open it from the outside. For power-driven doors we offer the suitable operator solutions with matching safety equipment, operating aids and signal transmitters.



**Only from Hörmann**

Leading photocell



# 11

## Convenient operator solutions

For frequent door cycles we recommend the use of a power-driven door. Depending on the requirements regarding performance, speed and convenience, we offer you **perfectly matched operator solutions**. From the installation-friendly shaft operator WA 300 to the powerful shaft operator WA 400 FU, a suitable operator solution optimally supports the work processes of your company, making it an investment that quickly pays off.

For further information, see pages 74 – 79.

# 12

## Safe operation

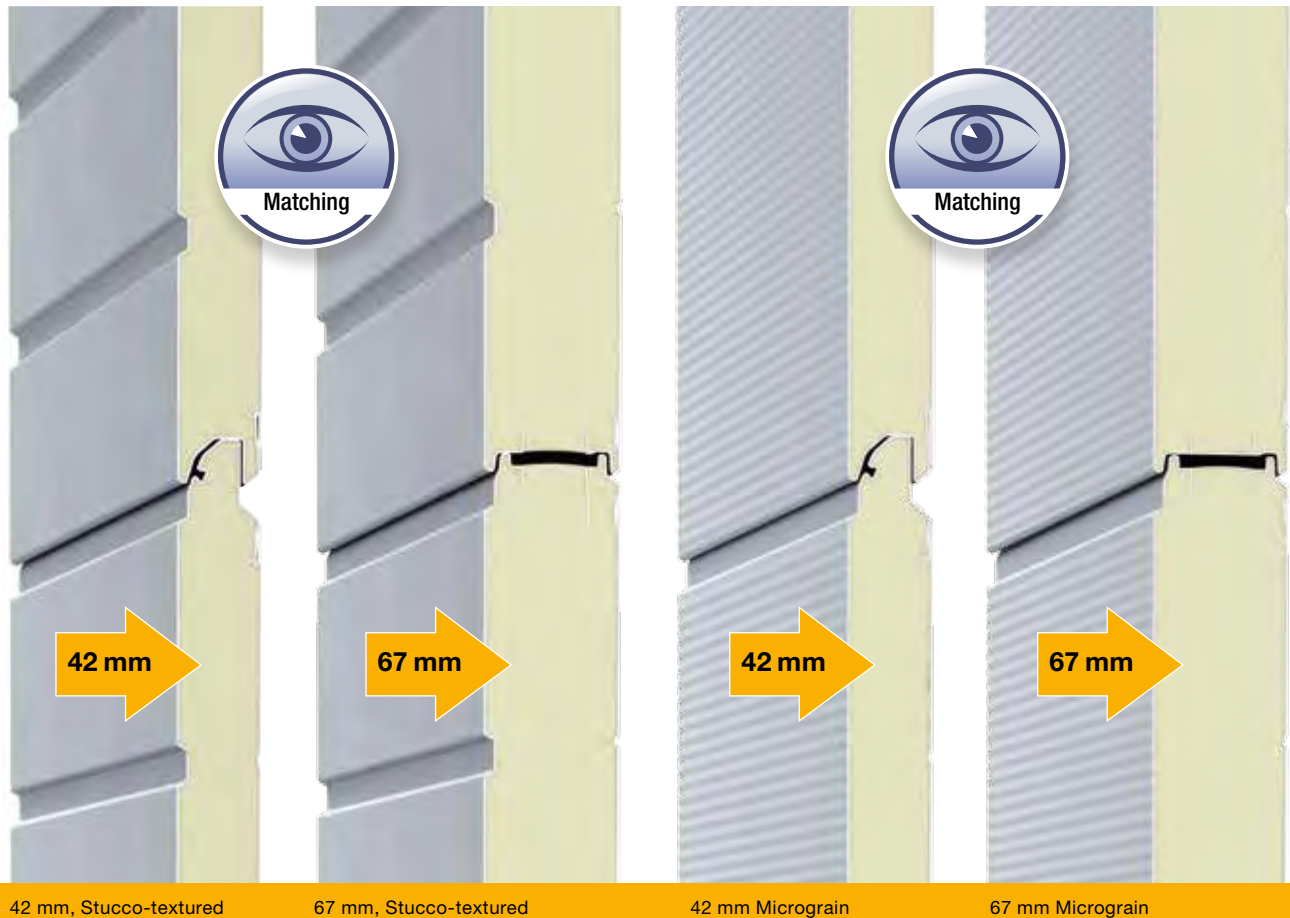
Efficient monitoring of the closing edge increases safety, optimises your work processes and lowers inspection and maintenance costs. In addition to the standard closing edge safety device for operators WA 400 and ITO 400, **opt for a leading photocell at no surcharge** – it reacts without contact to movements and obstacles, securely stopping the door if required and moving it up again. Optionally, you can equip your doors with the light grille HLG that offers you maximum safety and particularly convenient features.

For further information, see pages 70 – 73.



# Door Fixtures and Fittings

## Section thicknesses, surface finishes and profile types



### PU-foamed sectional doors in 2 surfaces and 2 depths

PU-foamed sectional doors are available either with 42 mm depth or with sections with thermal break and 67 mm depth. For both versions, the door appearance is 100 % matching.

#### Depth 42 mm

Hörmann sectional doors with 42 mm thick PU-foamed sections are especially robust, offering good thermal insulation.

#### 67 mm depth with the best thermal insulation

With the SPU 67 Thermo's 67 mm sections with thermal break, you benefit from an excellent insulation value of up to  $0.51 \text{ W}/(\text{m}^2\cdot\text{K})^*$ . The thermal break between the exterior and interior of the steel sections also reduces the formation of condensation water on the inside of the door.

The surface finish of the sections of steel doors or doors with bottom section is based on hot-galvanized sheet steel and a high-adhesion primer-coating (2-component PUR) that protect the door against adverse effects of the weather.

#### Resistant Stucco surface

Additionally, Stucco texturing gives the door surface a uniform structure on which light scratches or traces of dirt are more difficult to see.

#### The Micrograin surface finish results in an elegant look

Micrograin features a smooth surface and characteristic fine lines. This door surface finish harmonises especially well with modern facades that are characterised by their clear formal structure.

As standard, the inside of the door is Stucco-textured in Grey white, RAL 9002.

\* For a door size of 5000 x 5000 mm with optional ThermoFrame

**For ideal thermal insulation: 67 mm  
Thermo profiles with thermal break**



42 mm standard profile



42 mm Thermo profile



67 mm Thermo profile

## **Glazed aluminium doors in 2 profile types and 2 depths**

### **Standard profile, depth 42 mm**

As standard, the glazing frames are produced using high-quality aluminium extrusion profiles that are designed for robust industrial and commercial day-to-day work. The standard profile without thermal break is ideal for buildings that are barely or not at all heated or cooled.

### **Thermo profile with thermal break, depths 42 mm and 67 mm**

Anywhere the thermal insulation of buildings is important, the Thermo profiles with thermal break on the interior and exterior are the first choice. The 67 mm Thermo profile with 3-chamber system is delivered with triple glazing as standard. The 42 mm Thermo profile is offered with double glazing as standard. Other glass variants, such as climatic glass or synthetic quadruple pane, can further increase energy efficiency.



# Application Areas

A matching door version for every purpose

## Saving Energy Thanks to Thermal Insulation

SPU F42  
SPU 67 Thermo  
Double-skinned steel  
sectional doors

Page 18



## More Light in the Building

APU F42  
APU F42 Thermo  
APU 67 Thermo  
Glazed aluminium doors  
with steel bottom section

Page 24



## Matching Modern Architecture

ALR F42  
ALR F42 Thermo  
ALR 67 Thermo  
Glazed aluminium doors

Page 28



## Maximum Transparency for Shop Windows

ALR F42 Glazing  
ALR 67 Thermo Glazing

Aluminium doors with  
large glazing

Page 32



## Elegant Eye-Catcher

ALR F42 Vitraplan  
Exclusively glazed  
aluminium doors

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## Door and Facade Design

Aluminium door ALR F42  
for on-site cladding

Page 40





# SPU F42

## Double-skinned steel sectional doors



### Logistics buildings and warehouses

Easy and safe passage of pedestrians thanks to the wicket door with trip-free threshold

### Commercial buildings

Bring natural light into the building using optional glazing





**Everything from one source:  
Industrial doors, dock levellers, dock shelters**



**Agriculture**  
Robust thanks to PU-foamed panels



**Logistics**  
Operator WA 300 S4 (see page 74),  
the affordable solution for logistics doors





# SPU 67 Thermo

Double-skinned steel sectional doors with thermal break



## Logistics

Excellent thermal insulation with sections with thermal break, depth 67 mm

## Fresh logistics

The SPU 67 Thermo door minimises temperature losses at door openings, making it ideal for use in food and cold logistics.





**Excellent thermal insulation  
with a U-value of up to 0.51 W/(m<sup>2</sup>·K)**



**Commercial buildings**  
Easy and safe passage of pedestrians thanks to a wicket door with thermal break and trip-free threshold



**Commercial buildings and warehouses**  
Bring natural light into the building using optional glazing





# SPU F42 / SPU 67 Thermo

## Double-skinned steel sectional doors



### SPU F42

**1** The 42-mm-thick PU-foamed section with finger trap protection is especially robust and offers good thermal insulation. The door leaf is available in the Stucco-textured and Micrograin surface variants.

### SPU 67 Thermo

**2** Optimum thermal insulation is achieved with the SPU 67 Thermo, featuring 67 mm thick sections with thermal break without finger trap protection\*. Both surface variants for the door leaf match the SPU F42.



\* In the available size range, these doors comply with the requirements of EN 13241

Door type	SPU F42		SPU 67 Thermo	
	Without wicket door	With wicket door	Without wicket door	With wicket door
<b>Door size</b>				
Max. width (mm)	8000	7000	10000	7000
Max. height (mm)	7500	7500	7500	7500

#### Thermal insulation EN 13241, Appendix B EN 12428

U-value in W/(m<sup>2</sup>·K) for a door surface of 5000 × 5000 mm

Closed sectional door	1,0	1,2	0,62	0,82
With ThermoFrame	0,94	1,2	0,51	0,75
Section	0,50	0,50	0,33	0,33

## Optimum thermal insulation in 2 section surface finishes

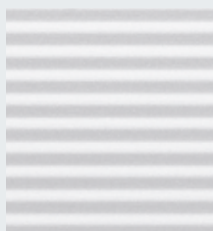
The PU-foamed sections are particularly robust and offer good thermal insulation. Especially with the 67-mm-thick sections you benefit from very high thermal insulation, achieved thanks to the thermal break between the interior and exterior of the steel sections. This also minimises the formation of condensation water on the inside of the door. You can choose between Stucco-textured and Micrograin surface finish, both without a surcharge. The Stucco-textured surface features uniform ribbing every 125 mm in the section and in the section transition.



Sections with thermal break in SPU 67 Thermo



Stucco-textured

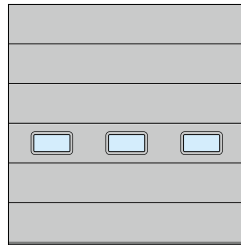


Micrograin

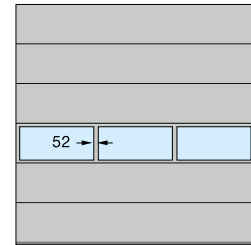
Colour options, page 54  
Glazings, page 56  
Safety features in acc. with EN 13241, page 65  
Technical data, page 90

## Example door versions

Door width up to 4500 mm (example 4500 × 4500 mm)

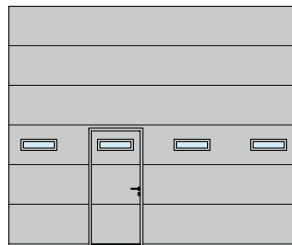


SPU F42  
Type E section windows  
Uniform field division

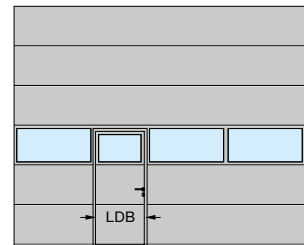


SPU F42, SPU 67 Thermo  
Aluminium glazing frames  
Uniform field division

Door width up to 5500 mm (example 5500 × 4500 mm)

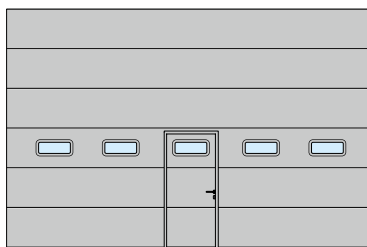


SPU F42, SPU 67 Thermo  
Type D section windows  
Wicket door arrangement to the left

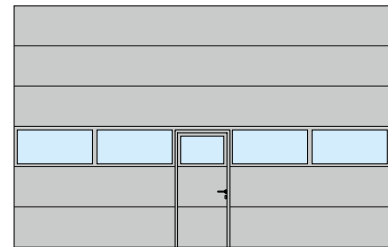


SPU F42, SPU 67 Thermo  
Aluminium glazing frames  
Wicket door arrangement to the left

Door width over 5500 mm (example 7000 × 4500 mm)



SPU F42, SPU 67 Thermo  
Type A section windows  
Wicket door arrangement in the centre



SPU F42, SPU 67 Thermo  
Aluminium glazing frames  
Wicket door arrangement in the centre

Clear passage width (LDB)  
SPU F42: 940 mm  
SPU 67 Thermo: 905 mm

On request, the SPU F42 Plus is available in the same door styles and surface finishes as Hörmann sectional garage doors.



For more detailed information, please see the Sectional Garage Door brochure.