



INDUSTRIAL SECTIONAL DOORS BASIC

The good-value door solution for doorways of up to 4500 × 4500 mm

HÖRMANN

Industrial sectional doors SPU F40 Basic / APU F40 Basic

Application areas

The robust sectional doors SPU F40 Basic are designed for the tough everyday conditions in industrial, commercial and agricultural applications. A wicket door provides for easy and safe pedestrian passage, and optional glazings lend the building daylight.

With its large glazings, the APU F40 Basic offers more light into the building. The PU-foamed bottom section is inexpensive to replace and resistant to dirt.



TOP LEFT. APU F40 Basic

BOTTOM LEFT. SPU F40 Basic

BOTTOM RIGHT. APU F40 Basic



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Double-skinned steel sectional doors

SPU F40 Basic 1

The 40 mm thick PU-foamed section with finger trap protection is especially robust and offers good thermal insulation.

APU F40 Basic 2

Thanks to the combination of robust steel bottom section and large glazings, the door is especially stable and lets a lot of light into the building.

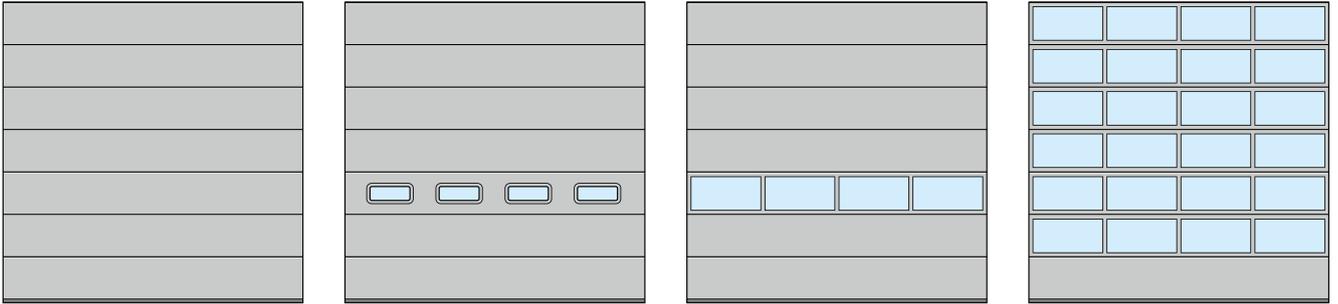


Door type	SPU F40 Basic		APU F40 Basic	
	Without wicket door	With wicket door	Without wicket door	With wicket door
Door size				
Max. width (mm)	4500	4500	4500	4500
Max. height (mm)	4500	4500	4500	4500
Construction				
Depth (mm)	40	40	40	40
Steel sections	●	●	●	●
Aluminium frame	-	-	●	●
Thermal insulation U-value in W/(m²·K) (EN 13241, Appendix B EN 12428)				
U-value in W/(m²·K), closed sectional door	1,2	1,4	3,9	4,0
U-value in W/(m²·K), section	0,50	0,50		

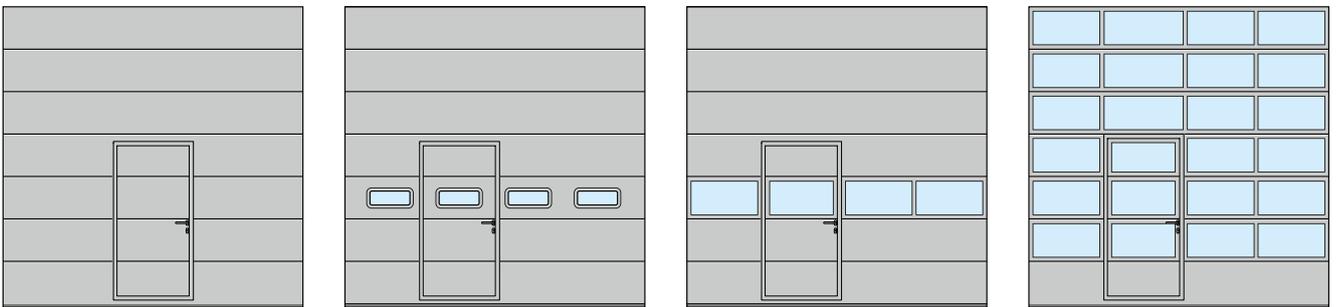
- = As standard
- = Optionally as glazing
- = Not available

* For a door surface of 5000 × 5000 mm

Example door versions without wicket door



Example door versions with wicket door



Glazing

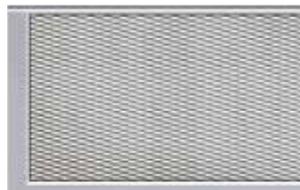
The aluminium glazing frames FK-A and S2-A are also available, as an option, with scratch-resistant glazing. This special surface coating sustainably protects the pane from scratches and damage caused by cleaning.



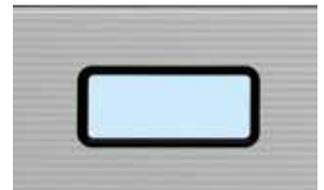
Aluminium glazing frame FK-A with synthetic single pane



Aluminium glazing frame S2-A with synthetic double pane



Aluminium glazing frame SG-A with expanded mesh infill



Compound glazing type W with synthetic double pane

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Individual colour schemes for greater freedom to design

Grainline surface finish

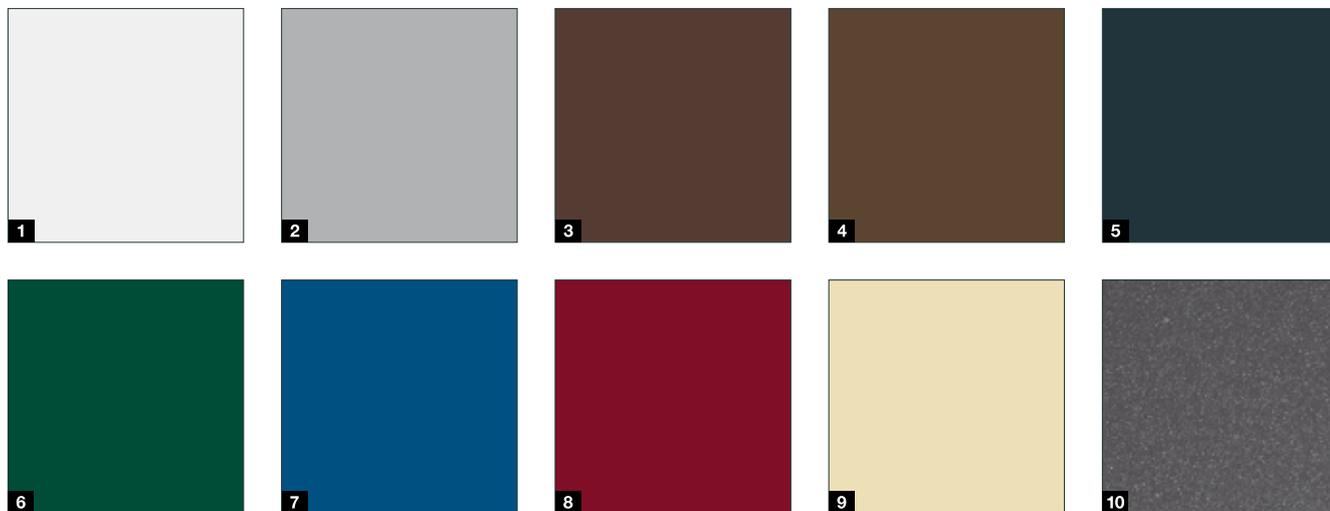
The surface finish of the sections is based on hot-galvanized sheet steel and a high-adhesion primer-coating (2-component PUR) that protects the door against adverse weather effects. As standard, the glazing frames are supplied in the door colour, made of high-quality aluminium extrusion profiles that are designed for robust industrial and commercial everyday use.

1 The outside has a Grainline surface finish in RAL 7016 and glazing frames in the door colour

2 The inside has a Woodgrain surface finish in RAL 9002 and glazing frames in the door colour of the outside



Preferred colours



- 1** RAL 9016 Traffic white
- 2** RAL 9006 White aluminium
- 3** RAL 8017 Chocolate brown
- 4** RAL 8014 Sepia brown
- 5** RAL 7016 Anthracite grey
- 6** RAL 6005 Moss green
- 7** RAL 5010 Gentian blue
- 8** RAL 3004 Purple red
- 9** RAL 1015 Light ivory
- 10** Anthracite metallic ADS 703 (PU sections without a surcharge, aluminium frames with a surcharge)

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Wicket doors



Easy pedestrian passage thanks to a wicket door

Wicket doors are a practical solution which means the garage door does not need to be opened for pedestrian passage. The threshold height is 100 mm or 115 mm when installing a closing edge safety device.

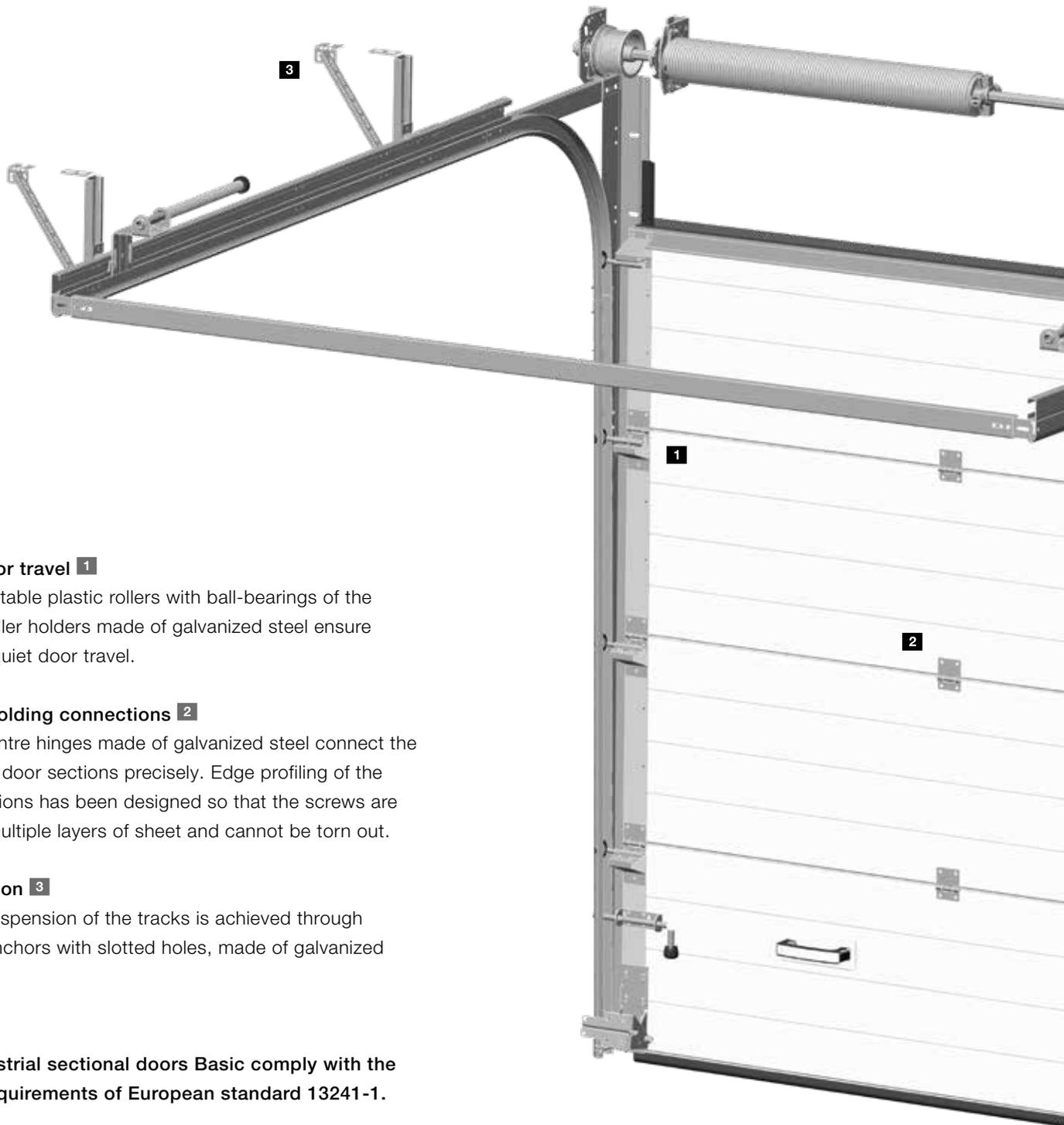


Convenient partial opening with operator WA 300 S4

For pedestrian passage without threshold, the door can also be partially opened with the WA 300 S4 operator (in combination with an extra UAP1-300 and DTH-I(M) or control 360).

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For long-lasting door function



Quiet door travel **1**

The adjustable plastic rollers with ball-bearings of the hinged roller holders made of galvanized steel ensure precise, quiet door travel.

Strong-holding connections **2**

Stable centre hinges made of galvanized steel connect the individual door sections precisely. Edge profiling of the door sections has been designed so that the screws are held by multiple layers of sheet and cannot be torn out.

Suspension **3**

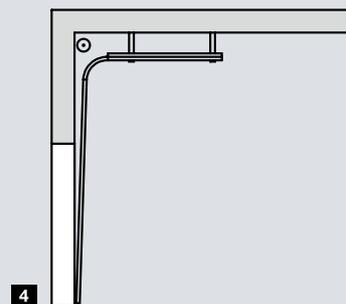
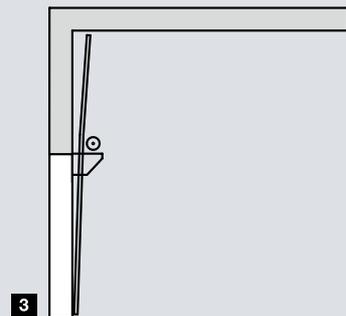
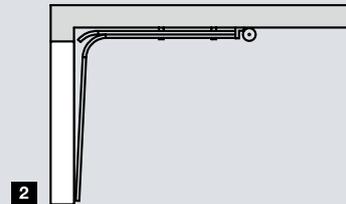
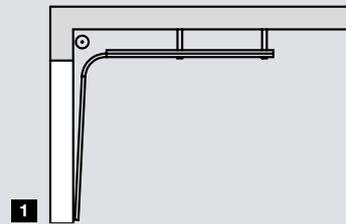
Ceiling suspension of the tracks is achieved through special anchors with slotted holes, made of galvanized steel.

The industrial sectional doors Basic comply with the safety requirements of European standard 13241-1.



Track applications

Whichever door type you have selected for your building: At Hörmann, you will find the right track application to match your door. Depending on the building architecture and requirement, you can choose between standard **1**, low headroom **2**, vertical **3** or high-lift track applications **4**.



Shaft operator WA 300 S4

With standard soft start and soft stop



Easy to fit and service 1

For fast and easy fitting, many operator components are already pre-fitted. Due to the standard power limit, no installations such as closing edge safety devices or cable slack switches on the door are required. The limited sideroom of up to 285 mm facilitates fitting in narrow spaces.

Quiet and gentle door travel

The standard soft start soft stop sustainably increases the service life of the door system.

Safe CLOSE door travel with reduced speed

All OPEN door travel as well as CLOSE door travel above a 2500 mm opening height takes place at a speed of up to approx. 19 cm/s. With an opening height below 2500 mm, CLOSE door travel must be set to approx. 10 cm/s for safety reasons.

Lower investments, lower consumption

The door price with the WA 300 S4 operator costs approx. 30% less than doors with a 3-phase current operator. At the same time, daily power consumption is reduced by up to 75%.

Integrated control

The control is operated using a DTH-R push button. The operator WA 300 S4 can also optionally be supplied with external control 360 (prepared for traffic control).

Maintenance release directly on the operator

During the statutory annual inspection work, it is not necessary for the operator to be removed from the barrel.

Optional secured release on the inside 2

The solution for interior use allows the convenient release of the operator from the floor (European patent).

Optional secured release from the outside ASE 3

Thanks to the lockable housing, the secured release can also be fitted on the outside (required for halls without a second entrance).

Accessories

For convenient door operation



HS 1 BS
1 button function, textured surface matt black



Push button DTH-R
Separate control of both operational directions;
separate stop button; protection category: IP 65



**Industrial hand transmitter
HSI 6 BS, HSI 15 BS**
To control up to 6 doors, with extra-large
buttons for easier operation with work gloves,
impact-resistant housing; protection category:
IP 65



**Industrial hand transmitter
HSI 15 BS**
To control up to 15 doors, with extra-large
buttons for easier operation with work gloves,
impact-resistant housing; protection category:
IP 65

Manually operated doors with chain hoist

Doors without an operator can
be equipped with a chain hoist
for easy opening and closing.



**Key switch
STUP 50 / STAP 50**
Recessed version and surface-mounted version,
incl. 3 keys, zinc die-cast housing in White
aluminium RAL 9006 with stainless steel panel
(Shown from left)



**Code switch
CTR 1b-1, CTR 3b-1**
For 1 (CTR 1b-1) or 3 (CTR 3b-1) functions, with
illuminated buttons; plastic housing in Light grey
RAL 7040

The complete range of accessories can be found
in the "Industrial sectional doors" brochure

Everything from a single source for construction and industry

Our large product range offers the right solution for any requirement. All products are optimally adjusted to work together, ensuring high functional safety. This makes us a strong, future-oriented partner for industrial and public construction projects.

**INDUSTRIAL DOORS. LOADING TECHNOLOGY. SLIDING DOORS. CONSTRUCTION PROJECT DOORS.
PERIMETER PROTECTION SYSTEMS.**



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