



Industrial Sectional Doors High-Speed Sectional Doors

SPU 40

Sturdy double-skinned steel door with good thermal insulation



For use in heated buildings

Building doors must not only be extremely sturdy, they must also have good thermal insulation characteristics. Hörmann's SPU 40 door is a proven sectional door made of steel sections that optimally fulfils these requirements.

Thanks to a combination of steel and PU rigid foam, the door leaf is both robust and insulating.

The elegant Micrograin surface

This finish impresses with fine lines and the smooth surface with subtle ribbing at the section transitions. The Micrograin surface complements the elegance of modern architecture.

Exquisite workmanship

The hollow space in the double-skinned door leaf is evenly filled with foam. The polyurethane rigid foam is thus connected to the steel shell. This 42-mm-thick insulating core provides the convincing robustness and thermal insulation.

Stucco-textured surfaces or elegant Micrograin surfaces are available. Depending on the overall height of the door, sections are provided in the height combinations 625 / 750 mm and 375 / 500 mm. Optional glazing lets natural light inside. Secure and practical pedestrian passage is possible with an additional wicket door with trip-free threshold.



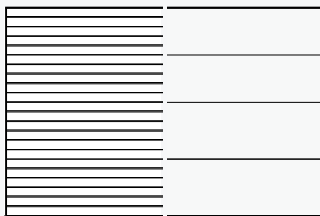


SPU 40 doors: Optimum for Loading technology

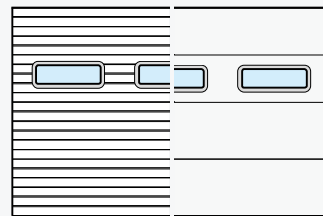
Hörmann offers
all of the components
from a single source:

- Dock levellers
- Loading houses
- Dock seals
- Industrial doors
- Control systems
- Security accessories

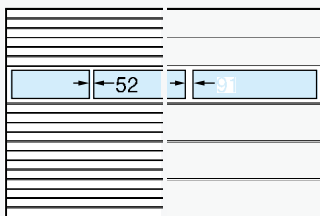
Door versions (examples*) SPU 40



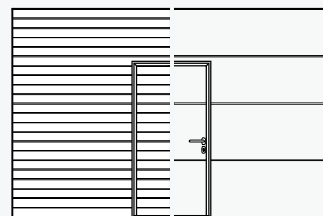
Door version without glazing
Door section heights:
375, 500, 625, 750 mm



With compound window type A
Door section heights:
500, 625, 750 mm



With aluminium glazing frame
Frame height: 500, 625, 750 mm



With wicket door with
trip-free threshold

* Figure on left with Stucco-textured surface and figure on right with Micrograin surface.

SPU 40

Size range

Width up to 8000 mm
Height up to 7000 mm

Resistance to wind load¹⁾

Class 3

Water tightness²⁾

Class 3 (70 Pa)

Air permeability³⁾

Without wicket door class 2
With wicket door class 1

Acoustic insulation⁴⁾

Without wicket door R = 25 dB
With wicket door R = 24 dB

Thermal insulation^{5) 6)}

Without wicket door
- With ThermoFrame U = 0.94 W/ (m²·K)
- Without ThermoFrame U = 1.0 W/ (m²·K)
With wicket door
- With ThermoFrame U = 1.2 W/ (m²·K)
- Without ThermoFrame U = 1.2 W/ (m²·K)

Section thermal insulation⁵⁾

U = 0.50 W/ (m²·K)

¹⁾ EN 12424; ²⁾ EN 12425; ³⁾ EN 12426; ⁴⁾ EN 717-1;

⁵⁾ EN 13241-1, appendix B EN 12428;

⁶⁾ With a door surface of 5000 x 5000 mm

**Safety features in acc. with EN 13241-1
are listed on page 25.**

**Doors with wicket door with trip-free threshold
are available in widths up to 6500 mm.**

Please refer to the technical manual for further information.

