

APU 40

Modern aluminium door
with steel bottom section and many versions



Universal application

The combination of double-skinned steel bottom section and aluminium glazing frame has more than proven itself in practice. The APU 40 door is very stable and lets a lot of light into the building. It is one of the most popular Hörmann sectional doors for factory buildings, thanks to its appealing features and numerous variants.

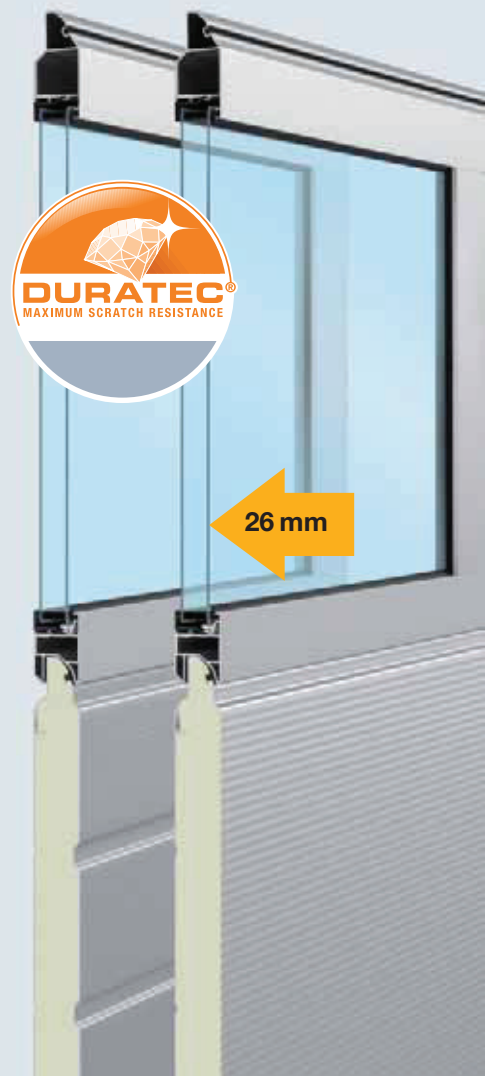
An attractive appearance

The glazed door sections above the bottom section are always evenly spaced. APU 40 doors always have a bottom section that is 500, 750, 1000 or 1500 mm high.

Individual versions

The high stability is mainly due to a 42-mm-thick insulating core made of polyurethane rigid foam used to uniformly foam-fill the bottom section. The door is reliably protected against corrosion and environmental conditions through a high-quality primer-coating on galvanized material, and via Stucco texturing. The door is also available with a Micrograin surface on the exterior. On request, the door comes with a wicket door with trip-free threshold for use as a practical pedestrian passage.

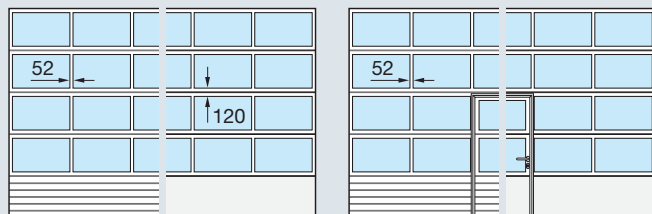
Stable
bottom section



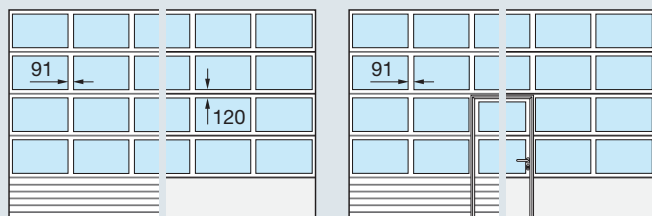


Door versions (examples*)

APU 40 N with narrow window sections

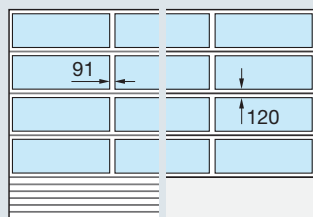


With 52-mm rail extrusion (on request with 91-mm rail extrusion)
and 750 mm bottom section for doors up to 5500 mm wide,
optionally 500 mm, 1000 mm and 1500 mm



As standard with a 91-mm rail extrusion for doors from 5510 mm wide

APU 40 B with wide window sections



As standard with 91-mm rail extrusion

APU 40

Size range

Width up to 8000 mm
Height up to 7000 mm

Resistance to wind load ¹⁾

Class 3

Water tightness ²⁾

Class 3 (70 Pa)

Air permeability ³⁾

Without wicket door class 2
With wicket door class 1

Acoustic insulation ⁴⁾

Without wicket door R = 23 dB
With wicket door R = 22 dB

Thermal insulation ^{5) 6)}

Without wicket door
– Standard double pane U = 3.5 W/m²K
– Optional triple pane U = 2.9 W/m²K
– Optional climatic double pane (single-pane safety glass)
U = 2.4 W/m²K
with wicket door
– Standard double pane U = 3.7 W/m²K
– Optional triple pane U = 3.1 W/m²K

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 × 5000 mm

Safety features in acc. with EN 13241-1 are listed on page 43.

**Doors with wicket door with trip-free threshold are
available in widths up to 7000 mm.**

Please refer to the technical manual for further information.

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