



## ALR 40

## Elegant in Aluminium to Create the Right Image

### This is what high-quality aluminium doors look like

Transparency determines the design: Aluminium-light extrusions, generously apportioned glazing. A design that marks the architectural style of today's industrial buildings.

### Every door a treat for the eyes

The aluminium surface stained in a natural colour (E6/EV1) makes for an extremely elegant appearance. Special colours to RAL can be individually matched to the corporate design. For the door sections we use anodized aluminium extrusions to DIN 17611. The floor section is walled-up with **16 mm** thick PU-sandwich infills (**100% CFC-free**) and stucco-embossed aluminium sheet cladding. The other sections are glazed with 16 mm thick synthetic double panes.

### Light-weight yet extremely sturdy and weather-resistant

Despite its slim profile (120 mm profile view), the door is very sturdy. This is essential for reliable long-term operation. The top quality of the weather-resistant surface ensures that the doors will look good for a long time.

### Hörmann doors are high quality, not patchwork!

Every door can boast an absolutely even spacing of sections from top to bottom.



Inside view

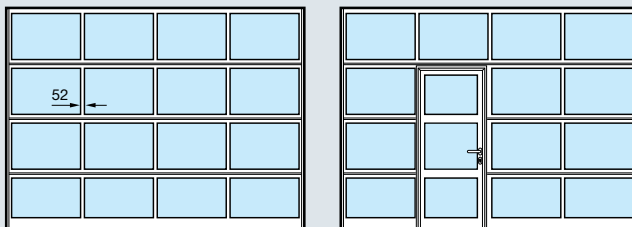




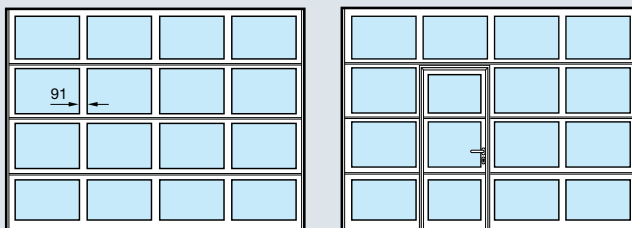
**Price Benefits**  
with wide  
windows sections

## Transparency to match the architecture

### Door Models with Narrow Window N Sections (Examples)



With 52 mm rail extrusion as standard for doors up to 5500 mm wide



With 91 mm rail extrusion as standard for doors 5510 mm wide or more.  
Doors up to 5500 mm wide also available with the 91 mm rail extrusion on request

### Torausführungen mit breiten Verglasungsfeldern B (Beispiele)



91 mm rail extrusion as standard, matching wicket doors available with the narrow window N sections and 91 mm rail extrusion.

**Doors with wicket door and without trip-free threshold are available from widths of 7000 mm.**

### Technical Data

#### Size range

Width up to 8000 mm  
Height up to 7000 mm

#### Resistance to wind pressure

Class 3

<sup>1)</sup>

#### Water-tightness

Class 3 (70 Pa)

<sup>2)</sup>

#### Air permeability

Class 2 (with wicket door class 1)

<sup>3)</sup>

#### Sound insulation

R = 19 dB

<sup>4)</sup>

#### Thermal insulation to EN 13241, annex B EN 12428

U = 4.2 W/m<sup>2</sup>K\*

(with wicket door U = 4.4 W/m<sup>2</sup>K\*)

\*The values refer to a door area of approx. 25 m<sup>2</sup>

<sup>1)</sup> EN 12424; <sup>2)</sup> EN 12425; <sup>3)</sup> EN 12426; <sup>4)</sup> EN 717-1

### Safety features and performance criteria to EN 13241-1, page 38

Please refer to the technical manual for further information.

Individual arrangement of the glass and panel infills possible, or fully glazed for wide and narrow window sections.