

## DATA SHEET

### Main function



#### Acoustic value

Up to 30 dB



#### Thermal resistance

2.0 – 3.2 W/m<sup>2</sup>K



#### CE mark

EN 13241



#### Resistance to wind load

Class 2 – 4



#### Water tightness

Class 3 (70 Pa)



#### Air permeability

Class 1 – 2

The values depend on the configuration of the door.

## ALR F42 Thermo Glazed aluminium sectional door with thermal break

Door sections (glazing frames) made of anodised aluminium extrusion profiles, with thermal break, with steel end caps

Infill type:

Bottom glazing frame with PU infill with aluminium sheet cover, Stucco-textured on both sides, 26 mm; additional glazing frames with Duratec<sup>®</sup>-coated clear synthetic double pane, 26 mm



Door size	Without wicket door	With wicket door
Max. width (mm)	7000	7000
Max. height (mm)	7500	7500

Construction and quality features		Function
<b>Design</b>	Self-supporting	●
<b>Depth in mm</b>	42	●
<b>Material, door leaf</b>	Aluminium profile with thermal break	●
<b>Surface finish, door leaf</b>	Anodised aluminium E6/C0	●
	Aluminium, high-quality coating based on RAL to choose	○
<b>Wicket door</b>		○
<b>Side doors</b>	NT 60 / NT 80 Thermo matching the door	○
<b>Glazing</b>	Aluminium glazing frames	●
<b>Seals</b>	All-round on 4 sides	●
	Intermediate seal between the door sections	●
<b>ThermoFrame</b>		○
<b>Locking system</b>	Inside locking	●
	Outside/inside locking	○
<b>Security features</b>	Anti-lift kit	●
	RC2 security features	-
<b>Safety features in acc. with EN 13241</b>	Finger trap protection	●
	Side trap guard	●
	Safety catch	●
<b>Fastening options</b>	Concrete	●
	Steel	●
	brickwork	●
	Others on request	

● Standard    ○ Optional    - Not available

Performance characteristics		Door without wicket door	Door with wicket door
<b>Resistance to wind load</b> according to EN 12424	Class	3 4 <sup>1)</sup>	2 3 <sup>1)</sup>
<b>Water tightness</b> acc. to EN 12425	Class	3 (70 Pa)	3 (70 Pa)
<b>Air permeability</b> acc. to EN 12426	Class	2	1
<b>Acoustic value</b> acc. to EN ISO 717-1	R [db]	23 30 <sup>2)</sup>	22 29 <sup>2)</sup>
<b>Thermal insulation</b> U-value = W/(m <sup>2</sup> K) according to EN 13241, Appendix B, with a door surface 5000 × 5000 mm	W/m <sup>2</sup> K	3.0 2.0 <sup>3)4)</sup>	3.2 2.2 <sup>3)4)</sup>
<b>CE mark</b>	EN 13241		

Note: Higher classes and better thermal insulation values or acoustic values on request!

1) For door widths up to 4000 mm

2) Specifications with regard to the acoustic values with real glass pane (optional)

3) With ThermoFrame

4) Specifications with regard to the thermal insulation value with double climatic pane (optional)

## Glazing

### Depth

42 mm

### Fastening options

Concrete

Steel

brickwork

Others on request

### Seals

All-round on 4 sides

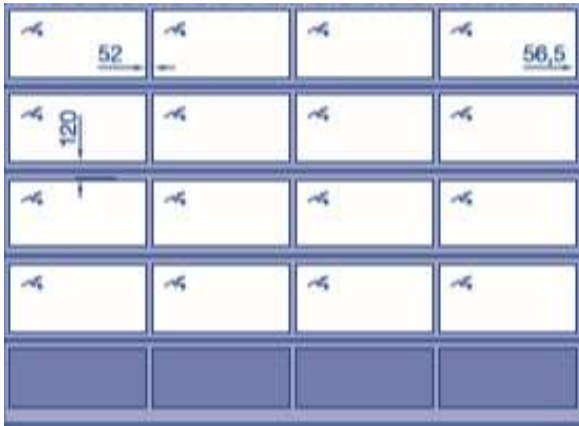
Intermediate seal between the door sections

### Locking

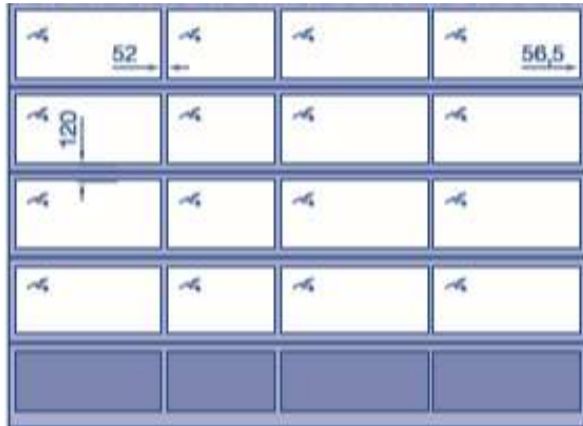
Shootbolt

Rotary latch

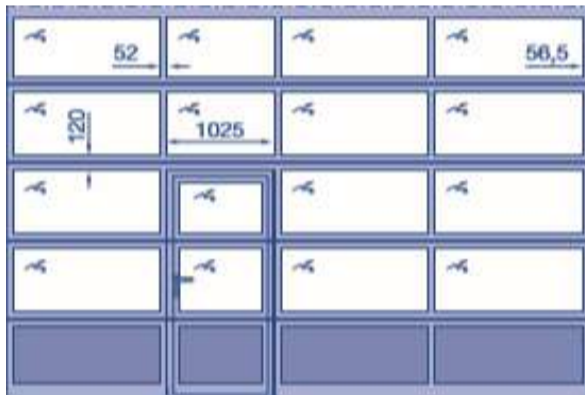
Floor locking



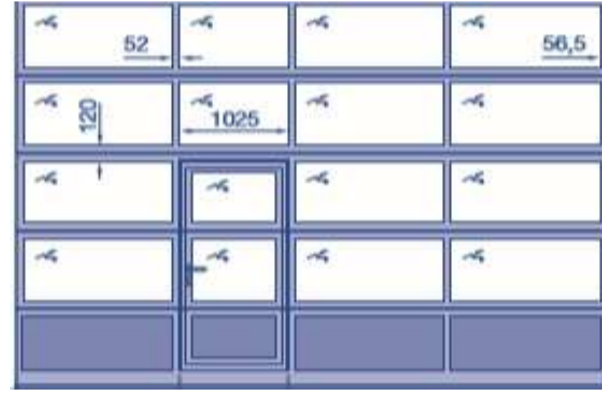
Basic model (without wicket door)  
With uniform field division  
along the width



Basic model (without wicket door)  
Field division along the width  
Matching doors with wicket door

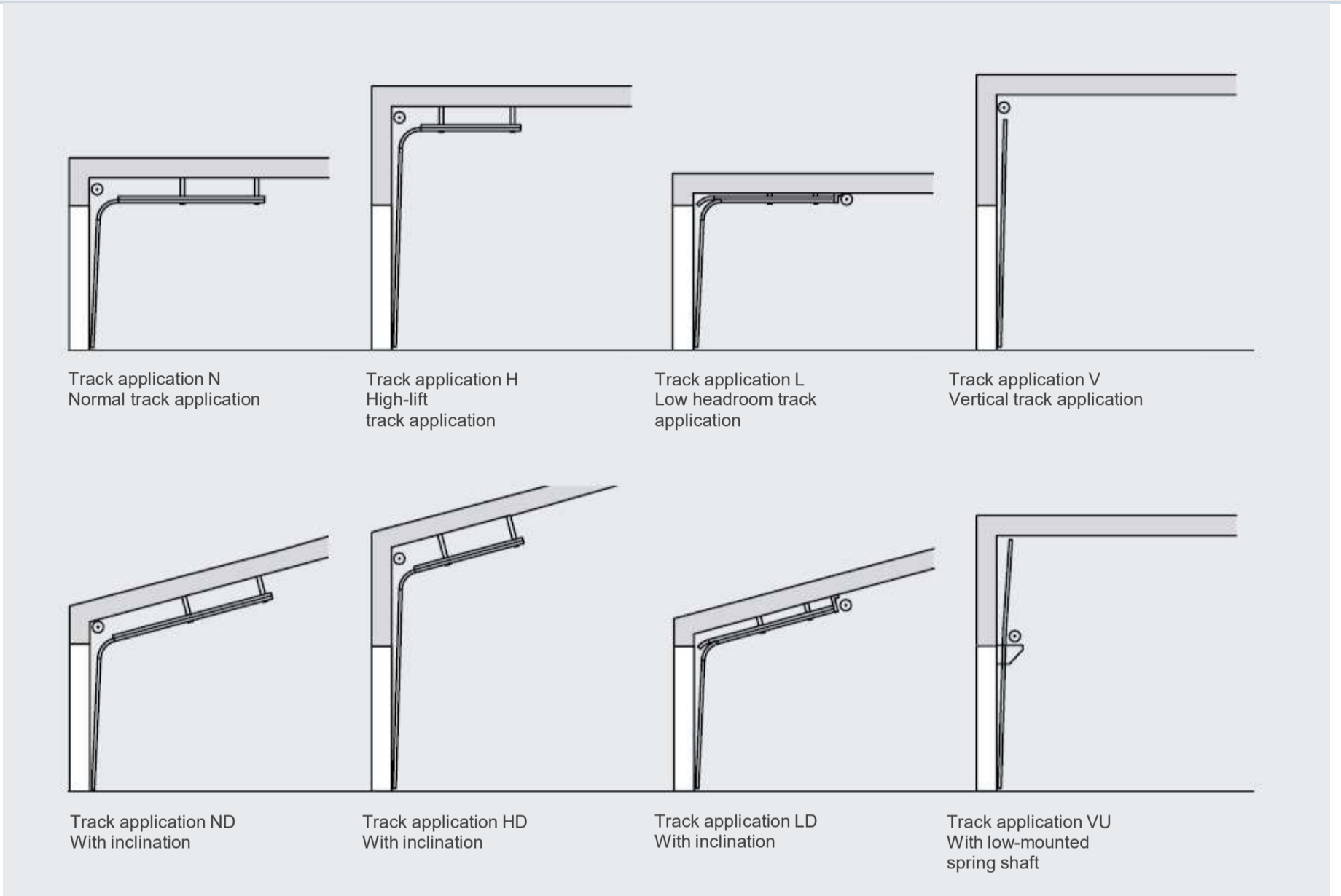


Version with wicket door  
With trip-free threshold



Version with wicket door  
and threshold rail

## Track application



All available fitting variants can be found in the valid technical manual or the product configurator.

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