

DATA SHEET

Main function

dB **Acoustic value**
Up to 23 dB

U_D **Thermal resistance**
1.5 – 2.8 W/m²K

CE **CE mark**
EN 13241

Resistance to wind load
Class 2 – 4

Water tightness
Class 3 (70 Pa)

Air permeability
Class 1 – 3

The values depend on the configuration of the door.

APU 67 Thermo Glazed aluminium sectional door with thermal break with steel bottom section

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

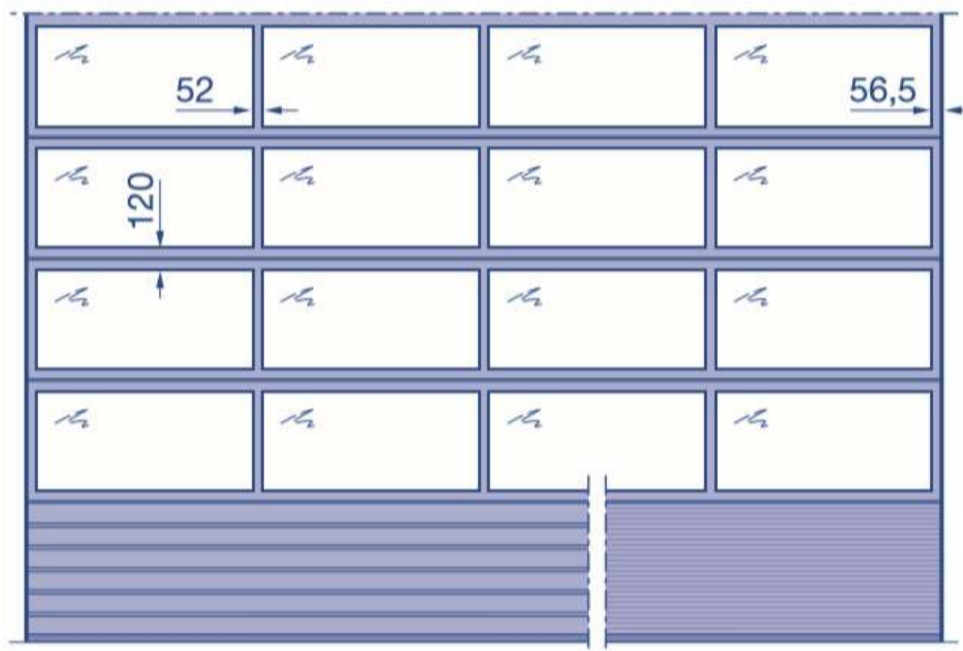
Infill type: Duratec[®]-coated clear synthetic triple pane, 51 mm

Steel bottom section made of double-skinned steel sections with thermal break, made of hot-galvanized sheet steel, PU-foamed, with end caps, bottom section height 750 mm (standard)

Surface finish (textured steel section):

Stucco: exterior S-ribbed, Stucco-textured with horizontal ribbing with a spacing of 125 mm, interior Stucco-textured

Micrograin: exterior L-ribbed Micrograin, interior Stucco-textured



| Door size | Without wicket door | With wicket door |
|------------------|---------------------|------------------|
| Max. width (mm) | 10000 | 7000 |
| Max. height (mm) | 7500 | 7500 |

| Construction and quality features | | Function |
|--|---|----------|
| Design | Self-supporting | • |
| Depth in mm | 67 | • |
| Material, door leaf | Steel section, double-skinned, thermal break | • |
| | Aluminium profile with thermal break | • |
| Surface finish, door leaf | Galvanized steel, high-quality coating based on RAL 9006/anodised aluminium E6/C0 | • |
| | Galvanized steel, high-quality coating based on RAL 9002/ RAL to choose | ○ |
| | Aluminium, high-quality coating based on RAL to choose | ○ |
| Wicket door | | ○ |
| Side doors | NT 60 / NT 80 Thermo matching the door | ○ |
| Glazing | Aluminium glazing frames | • |
| Seals | All-round on 4 sides | • |
| | Intermediate seal between the door sections | • |
| ThermoFrame | | ○ |
| Locking system | Inside locking | • |
| | Outside/inside locking | ○ |
| Security features | Anti-lift kit | • |
| | RC2 security features | - |
| Safety features in acc. with EN 13241 | Finger trap protection | - |
| | Side trap guard | • |
| | Safety catch | • |
| Fastening options | Concrete | • |
| | Steel | • |
| | brickwork | • |
| | Others on request | |

• Standard ○ Optional - Not available

| Performance characteristics | | Door without wicket door | Door with wicket door |
|---|----------|-----------------------------|-----------------------------|
| Resistance to wind load according to EN 12424 | Class | 3 4 ¹⁾ | 2 3 ¹⁾ |
| Water tightness acc. to EN 12425 | Class | 3 (70 Pa) | 3 (70 Pa) |
| Air permeability acc. to EN 12426 | Class | 2 3 ^{2) 4) 5)} | 1 |
| Acoustic value acc. to EN ISO 717-1 | R [db] | 23 | 22 |
| Thermal insulation U-value = W/(m²K) according to EN 13241, Appendix B, with a door surface 5000 × 5000 mm | W/m²K | 2.1 1.5 ^{2) 3)} | 2.3 1.7 ^{2) 3)} |
| CE mark | EN 13241 | | |

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

1) For door widths up to 4000 mm

2) With ThermoFrame

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

4) With optional increased air-tightness set

5) Only with surface finish Micrograin

Depth

67 mm

Fastening options

Concrete

Steel

brickwork

Others on request

Seals

All-round on 4 sides

Intermediate seal between the door sections

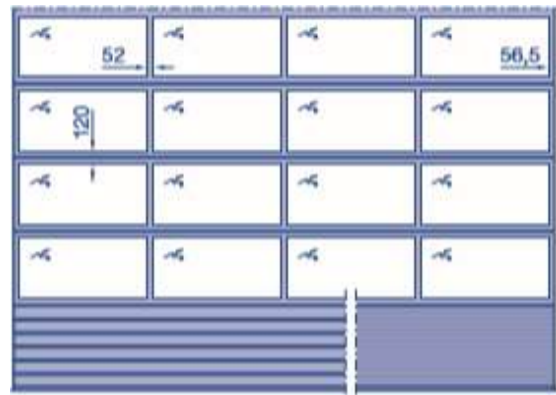
Locking

Shootbolt

Rotary latch

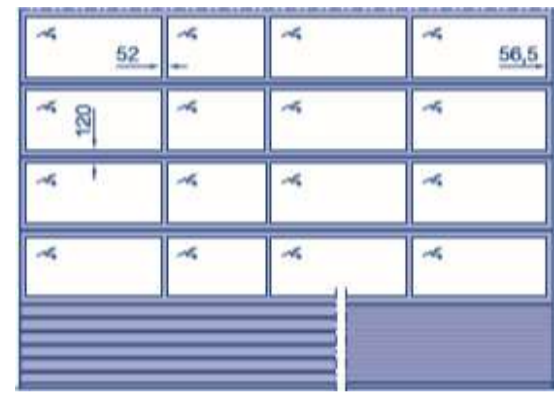
Floor locking

Glazing



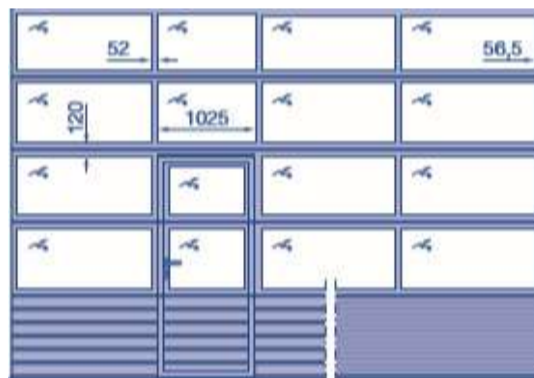
Basic model (without wicket door)

With uniform field division
along the width



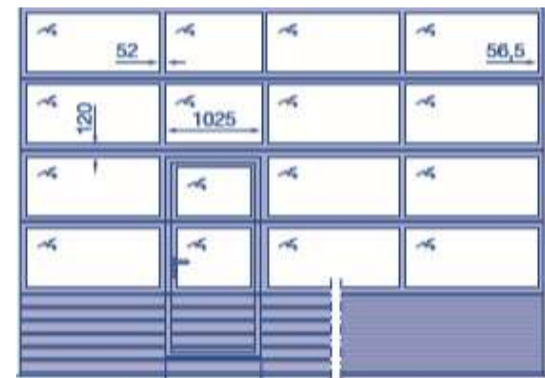
Basic model (without wicket door)

Field division along the width
Matching doors with wicket door



Version with wicket door

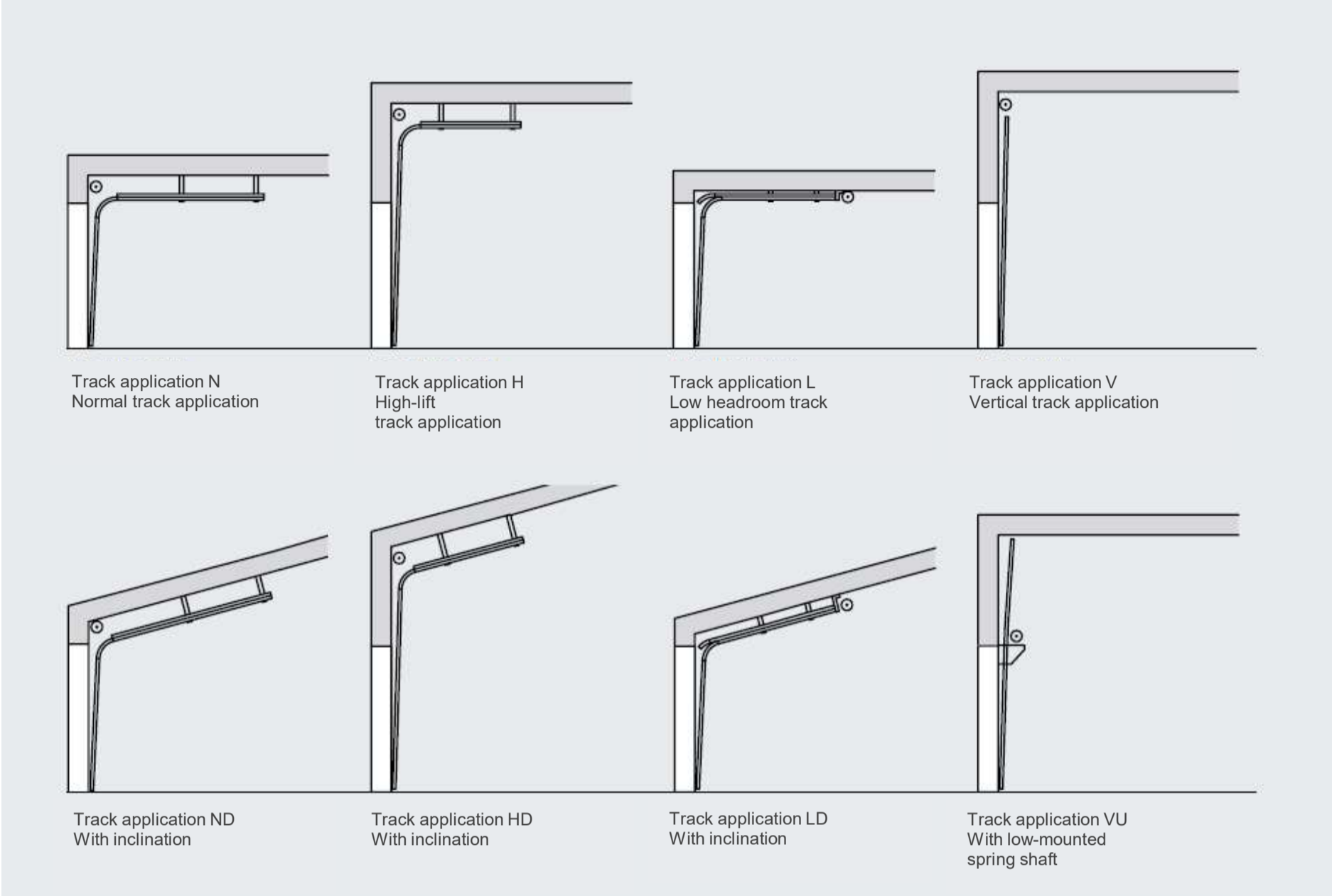
With trip-free threshold



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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