KONE AMD
Doors and Entrances
Architectural design Information
The design of elevator doors and their surroundings is challenging:

- Smooth operation of the doors is important in the flow of passenger traffic. Fast, reliable and quiet doors minimize waiting time and improve convenience.

- The entrances must provide the passengers with safe, easy and convenient access to the elevators and landing fixtures.

- Elevator, lobby, and entrance design has to meet both aesthetical and functional requirements. The entrances form the structural interface between the building and the elevator, and channel the passengers between the landings and the elevator cars.

The KONE AMD doors are designed and engineered to meet these demands, combining safety, performance, durability and attractive styling.

Door configurations

**KONE AMD-1**
Two panel centre opening AMD-1 door configuration is the most traffic-efficient, allowing exit and entry even before the doors are fully open.

**KONE AMD-2**
AMD-2 is a two panel side opening door. This configuration saves space and shaft width but is not as efficient operationally as centre opening door.

For large cars or special applications four and six panel centre opening types are available.

Right:
Centre opening AMD1 door with Frame entrance, plaster walls, KONE Sigma landing fixtures.
Narrow Frame Entrance

The 50 mm wide Narrow Frame reduces the visual impact of the landing entrance, helping to blend it with the lobby design. The entrance jambs can be finished either in the wall finish or in the door panel material. The flush or surface mounted landing fixtures are fixed to the wall.

Left:
Centre opening AMD1 door, Narrow Frame entrance, wall and floor finished in stone, Delta ThinLine landing fixtures

Below:
Centre opening AMD-1 door, Narrow Frame entrance, wall and floor finished in stone, Oval Delta FlushLine landing fixtures

Right:
Side opening AMD-2 door, Narrow Frame entrance with custom architrave, oiled and lacquered plywood walls with aluminum strips, stone floor, Delta ThinLine landing fixtures

by separate agreement
The 150mm wide Frame entrance is an economical and attractive solution. The door jambs are finished in the same material as the door panel, and the flush or surface mounted landing fixtures are built into the door frame to reduce the need for extra finishing work.
Full Front Entrance

The Full Front entrance minimizes any extra finishing work – it covers the full height and width of the hoistway, allowing quick completion of landings. The flush or surface mounted landing fixtures are built into the front.

Glass Doors

As an optional feature in lobby design the KONE AMD door family includes glass door panels.

Left:
Centre opening AMD1 door with Full Front entrance in patterned stainless steel, glass clad brick wall, Delta ThinLine landing fixtures.

Right:
Centre opening AMD1 door with glass panels, Narrow Frame entrance, wall and floor finished in stone, Delta ThinLine landing fixtures.
Custom built entrances

Kone KONE AMD doors and entrances provide a wide range of alternatives that offer the maximum flexibility in the innovative design of entrances and lobbies.
**Entrance facades**

**Design 1**

- LL = clear opening width
  - 600 (frame)
  - 700 (frame or front)
  - 800 (frame or front)
  - 900 (frame or front)
  - 1000 (frame)
  - 1100 (frame)

- HH = clear height in door entrance
  - 2000, 2100

- LA = uprights width
  - 150 (frame)
  - LL/2 + 70 (front)

- LB = side opening door slam post width
  - 150 (frame)
  - 170 (front)
  - 220 (front)
  - 270 (front)

- HA = lintel height
  - 195
  - 270
  - 370
  - 470

- HB = top extension panel
  - 200
  - 300
  - 400
  - 500

- HR = raw opening height
  - 2225
  - 2300
  - 2400
  - 2500
  - 2600
  - 2700
  - 2800
  - 2900
  - 3000

**Design 2**

- LL = clear opening width
  - 800 – 1500

- HH = clear height in door entrance
  - 1900 – 2900

- LA = uprights width
  - 50 (narrow frame)
  - 150 (frame)
  - LL/2 + 70 (front)

- LB = side opening door slam post width
  - 50 (narrow frame)
  - 150 (frame)
  - 170 (front)
  - 220 (front)
  - 270 (front)

- HA = lintel height
  - 50 (narrow frame)
  - 195
  - 270
  - 370
  - 470

- HR = raw opening height
  - 2225
  - 2300
  - 2400
  - 2500
  - 2600
  - 2700
  - 2800
  - 2900
  - 3000

Glass doors
- A = door frame height
  - 100
  - 150
  - 220
- B = 1100
Recommended door jamb and building interface types:

**Side frame**

- Standard sill with carpet trim
- Narrow sill

- by separate agreement

**Top frame**

- C-C
- D-D

- by separate agreement