



Tender specification:

All doors comply with the following standards and regulations:

**Lift Directive 2014/33/EU
EN 81-20/50**

**Landing doors, two-panel, centre opening, S2Z, as high-speed doors for fast running lifts with a speed up to $v=5,0$ m/sec
Designed for installation in shaft / niche**

Transom: designed as closed box construction with side walls for a high degree of stability and protection against falling dirt, made of zinc-magnesium coated plate for maximum corrosion resistance

Tracking rails: rolled from 4 mm sheet steel, subsequently galvanised; adapted to the roller and kicking roller geometry

Track rollers: High-performance rollers made of cast polyamide for installations subject to high traffic and extremely heavy loads, minimum diameter 90 mm

Kicking rollers: of plastic with eccentric bolt, are positioned positively on the tracking rails to ensure a smooth running of the door panels

Door panel/hanger connection: with the aid of eyebolts, thus door panels steplessly adjustable in terms of height and depth

Hook lock: two units for double skate system, type-tested with QR code (for traceability), suitable for the skates of car door including the possible use of a zone locking

Door panels: double-skin, with labyrinth above, with labyrinth of at least 8 mm on the closing edge, made of zinc-magnesium coated plates, immediately ready for painting without any preparations

Guide shoes: with two independent guide shoes (each 100 mm long, 3 mm thick) with plastic sliders, which can be replaced without removing the door panels; every guide shoe each with two fastening screws and two set screws for being able to appropriately adjust the panels in the running direction; the guide shoes are directly fastened in the lower area of the door panel via screws with the door panel and the welded U-sheet channel

Upper and lateral frames: made of at least 1.5 mm thick zinc-magnesium coated plate, immediately ready for painting without any preparations

Sill: Aluminium profile sill with max. 7 mm wide grooves in order to prevent the ingress of grit, pebbles or others, which could result in door failures

Sill substructure: Sill mounting brackets of sufficient quantity, made of zinc-magnesium coated sheet steel

Toe guard: 300 mm long, made of zinc-magnesium coated sheet steel

OPTIONS:

Doors according to EN 81-58 E120 or E90 (for panels with windows)

Door panels: with labyrinth above, with labyrinth of at least 8 mm on the closing edge, visible side clad with stainless steel 1.4301 (AISI 304), 240 grit / leather pattern / linen pattern / rhombus pattern / special material / with mineral wool filling

Door panels: with labyrinth above, with labyrinth of at least 8 mm on the closing edge, powder-coated according to RAL

ScooterGuard System: with twice the safety for users of lifts with electric mobility scooters; The doors are to be equipped with an additional safety system, which withstands an impact of an electric mobility scooter with a weight of max. 220 kg (including person) and an impact speed of up to 8 km/h. After two such impacts, the integrity of the enclosure must be guaranteed in full.

This characteristic is to be proven by a defined test procedure and certified by an accredited testing laboratory.

Upper and lateral frames: made of stainless steel 1.4301 (AISI 304), 240 grit / leather pattern / linen pattern / rhombus pattern / special material

Upper and lateral frames: powder-coated according to RAL

Sill: as aluminium solid sill for loads of up to 10 tons

Sill: as hidden track, the guides are installed 70 mm deep in the shaft, the cover plate 3.0 mm thick is totally flat and does not have any guide grooves, anti-slip class: R ??

Sill: as hidden track, the guides are installed 70 mm deep in the shaft, the cover plate 3.0 mm thick is totally flat and does not have any guide grooves, the cover plate is offset downwards in order to be able to bring an on-site floor directly up to the landing edge.

Sill: made of stainless steel 1.4301 (AISI 304), consisting of rolled profile on a base plate (2.0 mm thick), covered with a folded cover plate (3.0 mm thick), guide grooves cannot be seen when door panels are closed; wheel load 1.8 tons

Sill substructure: Continuous sill support, made of zinc-magnesium coated plates, width: CDW + 100 mm