



Tender specification:

All doors comply with the following standards and regulations:

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

Landing doors, two-panel, telescopic opening, S-2-R/L, as a high-performance door for heavily frequented high-performance lifts up to a speed of approx. $v=4.0$ m/sec.

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: type-tested with QR code (for traceability), suitable for the skate of car door including the possible use of a zone locking

Door panels: double-skin, 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:

Door panels: visible side clad with stainless steel 1.4301 (AISI 304), 240 grit / leather pattern / linen pattern / rhombus pattern / special material

Door panels: powder-coated according to RAL

Door panels: as glass door panels framed on all sides, clad with stainless steel, material 1.4301 (AISI 304), on the front and back; glass flush-mounted with the frame to avoid injuries; base height selectable variable

Door panels: as full glass door panels, held at top and bottom by aluminium fittings clad with stainless steel; closing edge at least 20 mm thick

FingerGuard System: To prevent fingers and hands of children from getting caught at glass doors, landing doors are equipped with the "FingerGuard" system which consists of two components: Detectors at the door panels, braking circuit at the AT 40 door drive; this results in a recognition of fingers or other objects on the glass pane before drawing them in and causes an immediate stoppage of door movement

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 of the fast panel are installed 70 mm deep in the shaft, the slow panel moves on a roller, fixed on the sill; the cover plate 3.0 mm thick is totally flat and does not have any guide grooves, anti-slip class: R ??

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