Tender specification:

All doors comply with the following standards and regulations:

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

Landing doors, four-panel, telescopic, centre opening, S-4-Z, 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 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