

## 01

## Doors

According EN 14010, the Combilift 543 must be closed with sliding doors. The door controls are integrated in the overall system. That means:

- The doors are electro-mechanically interlocked
- The doors can only be opened when the selected parking place has reached the entry/exit position
- Any pits are closed in the entrance area

Local requirements for electrical doors in respect to technology, maintenance, revision are not subject of our supply, which are according to European standard

### Door types:

Manually operated sliding doors

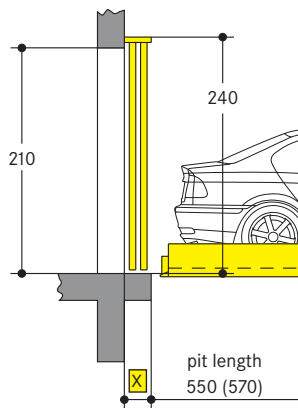
- for underground garages in galvanised steel
- above ground with powder coated metal sheets (RAL 7030)

Alternatively, sliding doors may be supplied with electrical drive.

Installation:

Behind the building pillars with door offset

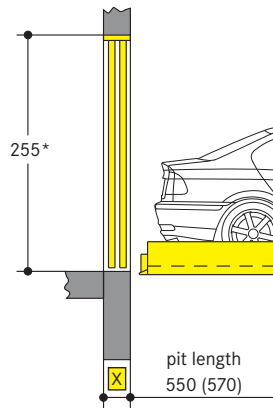
Section



X = 22 cm for manual / automatic sliding doors

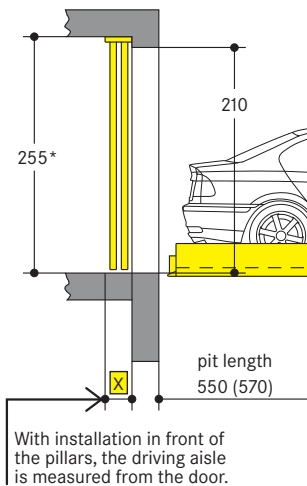
Installation:

Below the lintel between the building pillars

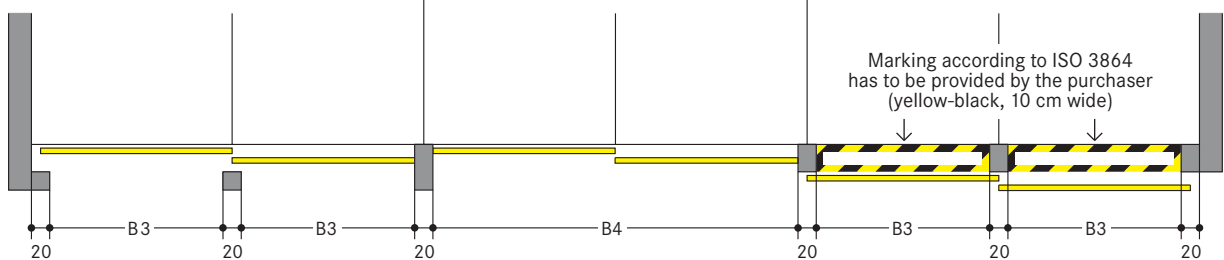


Installation:

In front of the building pillars



Ground plan



\* The lintel of 255 cm is absolutely necessary. If differing heights additional fixings are required at additional charge. If no lintel is provided, the gates need to be fitted onto a steel frame (subject to surcharges).

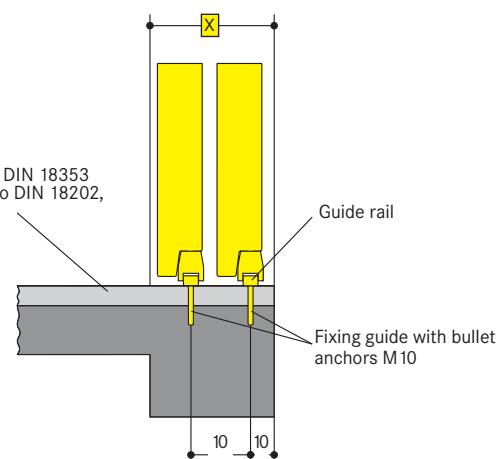
Space required		Gives clear platform width
B3	B4	
230	480	230
240	500	240
250	520	250
260	540	260
270	560	270

## Floor guide for sliding doors

Floor levelness in door guide range must be conformity with DIN 18202, table 3, line 3.

Hole depth for dowels approx. 8 cm.  
Remark: When screed is applied in the door area to obtain floor levelness, the hole depth should be increased by screed thickness (max. 40 mm).

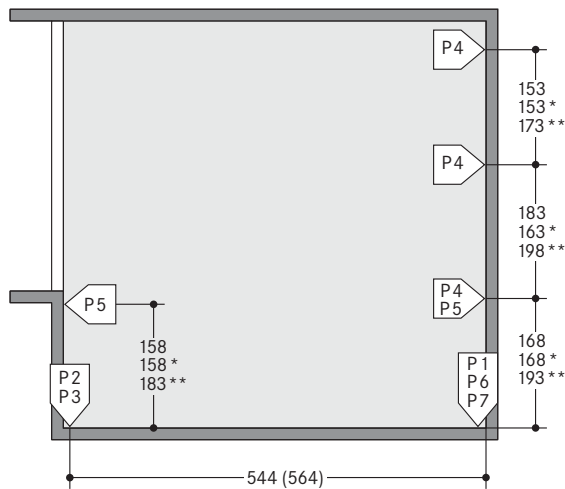
Finished floor acc. to DIN 18353  
Floor levelness acc. to DIN 18202, table 3, line 3



## Width dimensions and statics

All dimensions shown are minimum. Constructional tolerances must be taken into consideration. All dimensions in cm.

### Section



( ) dimensions in brackets for longer units

\* dimensions for economic type

\*\* dimensions for comfort type

P1 = +70,0 kN <sup>1)</sup>

P2 = +49,0 kN

P3 = +25,0 kN

P4 = ± 5,0 kN

P5 = ± 2,5 kN

P6 = ±30,0 kN

P7 = ±15,0 kN

<sup>1)</sup> all static loadings include the weight of the car

Bearing loads are transmitted by wall plates with min. 30 cm<sup>2</sup> surface and to the floor by base plates with min. 350 cm<sup>2</sup> surface.

Wall and base plates will be fixed by heavy duty anchor bolts to a drilling depth of 10-12cm. When fixing to the waterproof concrete floors chemical anchors are employed (to be advised by Wöhr).

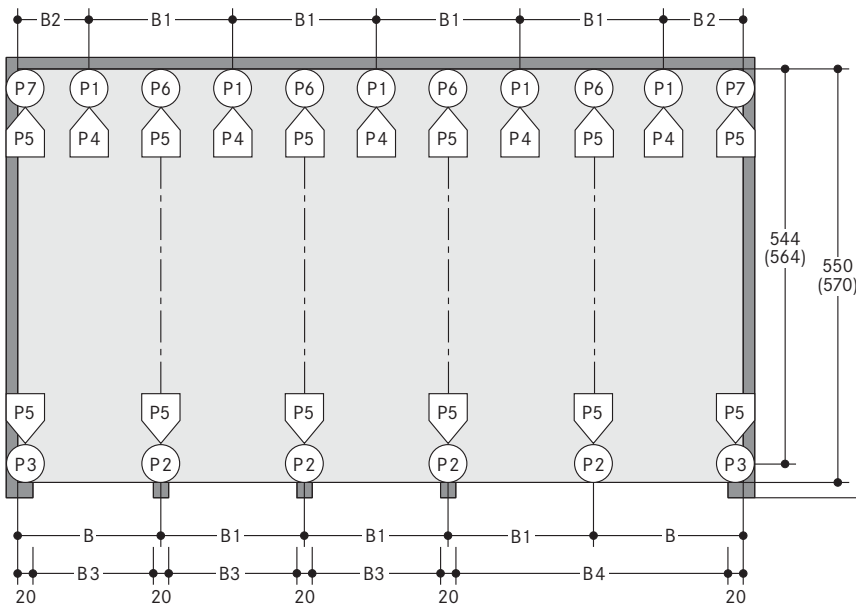
Base plate thickness min. 18 cm. Rear wall and base plate must be formed of concrete and must have a flat surface without protrusions.

Concrete quality according to the static requirements of the building, but for the dowel fastening we require a concrete quality of min. C20/25.

The specified lengths to the support points are mean values. Please contact Wöhr Agent for exact positions for any variations on the standard units.

Please contact Wöhr Agent for clarify the door widths/widths of columns. Grid width of 250/260/270/280/290 cm must be observed.

### Ground plan



Space required						gives clear platform width
B	B1	B2	B3	B4		
260	250	135	230	480		230
270	260	140	240	500		240
280	270	145	250	520		250
290	280	150	260	540		260
300	290	155	270	560		270

Minimum driveway width according to local requirements

### Notice:

If the width of the pillars is more than 20 cm, than the width of the drive through will be reduced accordingly to the above mentioned width dimensions. In order to avoid this we recommend to extend the measures between the pillars (B3 and B4) accordingly. Please contact WÖHR.

