

SERIES 100–2000



BOTTOM GUIDE OPTIONS FOR SLIDING
SYSTEMS



Overview

A suitable bottom guide system should always be specified at the door design stage and they are normally used one per leaf. A bottom guide ensures faultless and safe operation of the door and also prevents the bottom of the door from swinging when operated. The guides do not support any weight, as their principal purpose is to guide the sliding door's movement in line with the track.

A typical installation of the bottom guide system is to have an inverted "U" channel welded to the underside of a metal door, inserted into a groove in the bottom of a timber door or sunk into the flooring. The bottom guide itself is fixed to the wall, the floor or underneath the door leaf.

Multiple track lines can be covered by installing several bottom guides on a single plate or in line with each other. If a bottom guide channel cannot be used, the door can also be guided between two guide rollers.

Materials



Steel guides. Lubricated for life ball bearings.



Hot-dipped galvanized (20 µm) bottom channels.



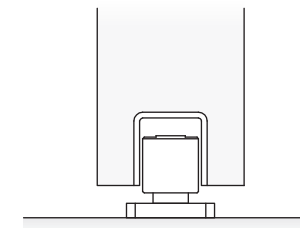
Zinc plated (min. 8 µm) steel parts. Tested in salt water spray chamber (240 h).

Highlights

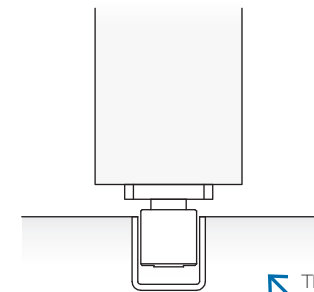
- » Guarantees the correct sliding action of the doors and longevity
- » Various possibilities to suit any type of installation
- » Multiple lines of door leaves can be used to cover any width of opening

” A bottom guide is essential for the correct functionality of the door

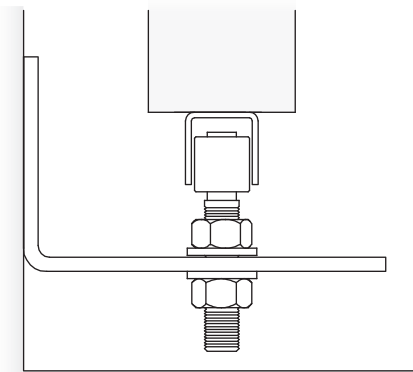
Installation examples



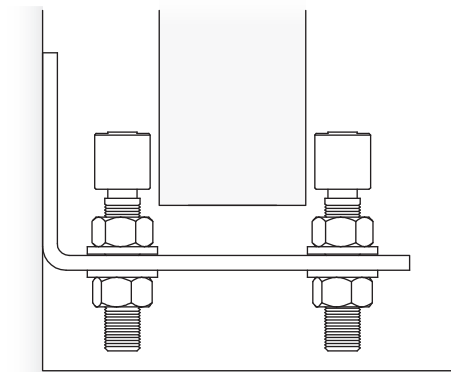
↖ The channel is fixed into the door groove.



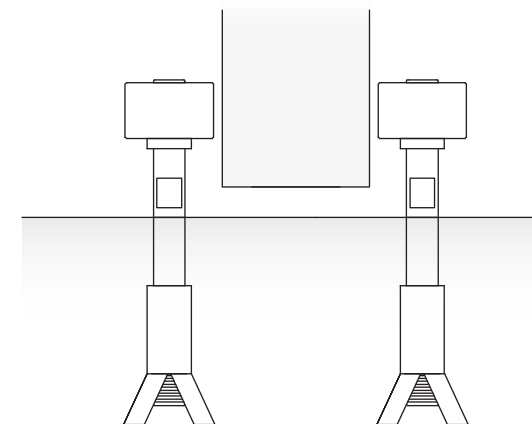
↖ The channel is sunk into the ground.



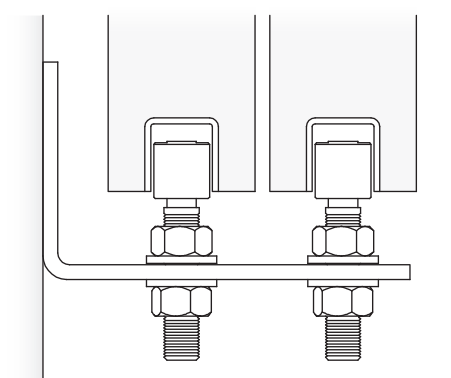
↖ The channel is attached to the bottom of the door.



↖ The doors slides between guide rollers.



↖ The bottom guide is sunk into concrete.



↖ Two doors slide on top of double roller guides.

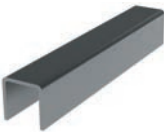
Specifying the hardware

- » Bottom guides are installed 1 pc / door
- » Inverted bottom guide channels length = door width
- » Ground installed bottom guide channels length = track length
- » Bottom guides are to be installed so that no vertical weight is carried by them
- » Bottom guide rollers are not designed to support other external side stresses i.e. excessive wind loading

Products and codes

3D models, DWG and PDF drawings of the specific items can be found on our web page.

Galvanized bottom guide channel

	AOK	3 m	50318
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Bottom guides with floor plate

	AOL-12	Bottom guide, ø 19 mm	50335
	AOL-13	Bottom guide, ø 30 mm	50334

Bottom guides with wall plate

	AO-12	Bottom guide, ø 19 mm	50312
	AO-13	Bottom guide, ø 30 mm	50313
	AO-14	Bottom guide, ø 40 mm	50314
	AO-22	Two bottom guides, ø 19 mm	50322
	AO-23	Two bottom guides, ø 30 mm	50323
	AO-24	Two bottom guides, ø 40 mm	50324
	AO-32	Three bottom guides, ø 19 mm	50332

Bottom guide rollers

	Bottom guide roller, ø 19 mm	50350
	Bottom guide roller, ø 30 mm	50351
	Bottom guide roller, ø 40 mm	50352
	Ground stay roller, ø 19 mm	50321
	Ground stay roller, ø 30 mm	50326
	Ground stay roller, ø 40 mm	50320

Accessories

	Bottom guide plate, short	50340
	Bottom guide plate, long	50341

