

Quick Reference Guide

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Version 2020.1

Chapter 18 – Installing Sliding Doors

Unpack & Inspect Doors	<ol style="list-style-type: none"> 1. Before removing packaging, check doors and frame for damage. If damaged, notify Construction Supervisor or Site Leader. 2. Check to see if doors have been predrilled for door pulls. If they have, pairs will have holes at opposite edges 3. Select pairs of doors that match in visual appearance (grain pattern, color) & correct door pull locations, etc. 4. Put two doors together and check for bow. Plan to install with concave faces together and best side toward the room.
Note Critical Specifications	<ol style="list-style-type: none"> 5. Critical Specifications: <ol style="list-style-type: none"> a. If doors go over finished flooring (hard flooring), gap between bottom of doors and the <u>finished flooring</u> must be 3/8" - 5/8" b. If doors go over future carpeting, gap between bottom of doors and door guide <u>spacer blocks</u> must be 3/4" to 7/8" 6. With <u>flush</u> sliding doors, check opening height at both ends of header to ensure header is level. <ol style="list-style-type: none"> a. If difference is >1/4", check header for level. b. If header clearly not level, and either door height or rough opening height are not as specified, consult with Construction Supervisor or Site Leader before proceeding c. Using 6' level, check that Jack stud end of opening is reasonably straight and plumb. If any gap exceeds 1/2", it will create poor fit of door against the wall. If so, consult with Supervisor or Site Leader.
Install Door Track and Hang Doors	<ol style="list-style-type: none"> 7. Install the door track 2" back from the wall surface with open side facing rear of closet using 3" brass-colored screws. Attach with only 2-3 screws in case it must be lowered 8. DO NOT lean the doors against the wall to attach hangers or install pulls. Set up saw horses with padding and lay the doors on them for installation of both. 9. Attach hangers on each door 2" from the vertical edge of the door (hanger with deep offset goes on back door; shallow offset for the front). <ol style="list-style-type: none"> a. Use <u>two</u> screws only, one screw in the swivel hole, one in the top of long curve b. Do not install third screw in small, center slot 10. If not predrilled, install door pulls same height as swinging doors (about 36") and 1 1/2" from edge. Drill with 3/4" Forstner bit to depth of bit. Tap pull into hole with assist from shim or other piece of wood. (Install pulls so edge of front door not seen when entering the room and pulls against the wall.) 11. Hang the doors on the track and measure gap from bottom of doors to finished flooring or spacer blocks. <ol style="list-style-type: none"> a. The gap to the <u>finished flooring</u> should be about 1 1/2". This should place it <u>above</u> the upper limit b. If <u>less than the lower limits</u>, the door may have to be cut off. If so, see the Construction Supervisor for direction.
Complete installation	<ol style="list-style-type: none"> 12. Loosen slotted screws in both hangers and lower the doors until gap at bottom is within specs or still above upper limits. 13. If doors are still above upper limits, remove the track and install a shim above it of proper thickness to bring the gap within limits. Nail to header with 2 1/2" Paslode nails. 14. Loosen screws in the long slot and adjust doors up/down until gap is within specs and door edges have uniform contact with walls. 15. Check doors are at same height. If so, install third screw in the bottom of the small, curved slot in each hanger. <u>Hand tighten</u> all screws. 16. Finish screwing track to the header. 17. Cut a 3/4"x1 1/4" pine strip, install along front of track with 3/4" face against the track. Nail to header with 2 1/2" Paslode nails. 18. Measure door opening and make a mark at the midpoint. Move front door tight to jack stud. <ol style="list-style-type: none"> a. Slide door guide under doors and adjust for uniform reveal to corner b. Mark center point on floor. 19. Over future carpeting install one or two layers of 5"x6"x 1/4" spacer blocks, centered on the point from 18b above, 5" dimension left to right. Nail with 1 1/4" Paslode nails. <ol style="list-style-type: none"> a. Leave the door guide and screws provided on a windowsill for later installation. b. Over future finished flooring skip to 22 below. 20. Measure width of door opening, cut & install a piece of floor trim that long, use <u>1 1/4"</u> Paslode nails 21. Install 1"x3/8" felt pads at top and 3/4"x1/8" clear vinyl pads at bottom of vertical edges of both doors. 22. Using center point from 18b, install sliding door guides over finished flooring so doors slide easily. 23. Verify that reveal at Jack stud is uniform.

Quality Points

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- Two doors match in visual appearance
- Over finished flooring (hard flooring) gap between bottom of doors and the floor is between $3/8''$ – $5/8''$
- Over future carpeting, gap between bottom of doors and $5'' \times 6'' \times 1/4''$ spacers is between $3/4''$ – $7/8''$
- Doors installed over finished flooring slide easily in door guides
- Door edges contact the walls uniformly from top to bottom (or uniform gap if bumpers installed)
- Door(s) against Jack stud(s) show uniform reveal from top to bottom
- Floor trim piece has been installed with the square edge tight to the plaster and ends snug to the side walls, using $1 1/4''$ Paslode nails
- Doors slide easily and smoothly after nailing trim piece
- Door pulls have been installed at correct height and distance from the door edges.
- Front door edge is not visible when entering the room.