

## Quick Reference Guide

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Version 2019.0

### Chapter 18 – Installing Sliding Doors

Unpack & Inspect Doors	<ol style="list-style-type: none"> <li>1. Before removing packaging, check doors and frame for damage. If damaged, notify Construction Supervisor or Site Leader.</li> <li>2. Select pairs of doors that match in visual appearance—grain pattern, color, etc.</li> <li>3. Put two doors together and check for crown. Plan to install with concave faces together and best side toward the room</li> </ol>
Note Critical Specifications	<ol style="list-style-type: none"> <li>4. Critical Specifications:             <ol style="list-style-type: none"> <li>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"</li> <li>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"</li> </ol> </li> <li>5. Before installing the door track             <ol style="list-style-type: none"> <li>a. Confirm that door height is 80"</li> <li>b. Confirm rough opening height is ~83" (82" Jack height + 1 1/2" bottom plate – 1/2" plaster)</li> </ol> </li> <li>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"> <li>a. If difference is &gt;1/4", check header for level.</li> <li>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</li> <li>c. <b>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.</b></li> </ol> </li> </ol>
Install Door Track and Hang Doors	<ol style="list-style-type: none"> <li>7. Install the door track 2" back from the wall surface with open side facing rear of closet. Attach with only 2-3 screws in case it has to be lowered</li> <li>8. Attach hangers on each door 2" from the vertical edge of the door             <ol style="list-style-type: none"> <li>a. Use <u>two</u> screws only, one screw in the swivel hole, one in the bottom of long curve</li> <li>b. Do not install third screw in small, center slot</li> </ol> </li> <li>9. 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"> <li>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</li> <li>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.</li> </ol> </li> </ol>
Complete installation	<ol style="list-style-type: none"> <li>10. Loosen slotted screws in both hangers and lower the doors until gap at bottom is within specs or still above upper limits.</li> <li>11. 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.</li> <li>12. Loosen screws in the long slot and adjust doors up/down until gap is within specs and door edges have uniform contact with walls.</li> <li>13. Check doors are at same height. If so, install third screw to each hanger. <u>Hand tighten</u> all screws.</li> <li>14. Finish screwing track to the header.</li> <li>15. 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.</li> <li>16. Over future carpeting install one or two 6"x6"x 1/4" spacer blocks, centered under the overlap of the two doors. Over future finished flooring skip to 21 below.</li> <li>17. Over finished flooring install the sliding door guides so they slide easily and reveal on Jack stud is uniform.</li> <li>18. Measure width of door opening, cut &amp; install a piece of floor trim that long, use <u>1 1/4"</u> Paslode nails</li> <li>19. Install door pulls at same height as interior doorknobs, 1 1/2" from door edge. (Position doors so you cannot see door edge when entering room.)</li> <li>20. Install 1"x3/8" felt pads at top and 3/4"x1/8" clear vinyl pads at bottom of vertical edges of both doors.</li> <li>21. Install sliding door guides over finished flooring so doors slide easily.</li> <li>22. Verify that reveal at Jack stud is uniform.</li> </ol>

## 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  $6'' \times 6'' \times 1/4''$  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.