



Wall Selection and Anchorage Classification:

FIRST-STORY-ON-WOOD-FLOOR APPLICATION

Equivalent Wall-Bracing Length (ft)	Wall Model	Single-Story Application	1st Story of 2- or 3-Story Application
		Wood Floor 	Wood Floor 
2.5	SSW12x8	B	NS
	SSW15x8	B	C
	SSW12x9	B	NS
	SSW15x9	B	C
	SSW12x10	C	NS
	SSW15x10	B	C
	SSW15x11	B	D
	SSW18x11	B	C
	SSW15x12	B	D
	SSW18x12	B	C
	SW18x8-RF	A	B
	SW24x8-RF	A	A
	SW18x9-RF	A	B
	SW24x9-RF	A	A
SW24x10-RF	A	B	
4	SSW15x8	C	D
	SSW15x9	C	D
	SSW15x10	C	E
	SSW15x11	D	NS
	SSW18x11	C	D
	SSW15x12	D	NS
	SSW18x12	C	D
	SW18x8-RF	B	C
	SW24x8-RF	A	B
	SW18x9-RF	B	D
	SW24x9-RF	A	B
SW24x10-RF	B	C	
6	SSW15x8	D	NS
	SSW18x8	C	D
	SSW15x9	D	NS
	SSW18x9	C	E
	SSW15x10	D	NS
	SSW18x10	D	NS
	SSW21x10	C	D
	SSW15x11	E	NS
	SSW18x11	D	NS
	SSW21x11	C	E
	SSW18x12	D	NS
	SSW21x12	D	NS
	SSW24x12	C	D
	SW18x8-RF	C	NS
	SW24x8-RF	B	C
SW18x9-RF	C	NS	
SW24x9-RF	B	NS	
SW24x10-RF	B	NS	

1. See pages 46-69 for anchorage solutions.
2. For 11' and 12' wall heights, increase wall-bracing length as required by IRC R301.3.
3. Maximum floor joist depth is 16" for SSW.
4. SW-RF models require 1½" end distance from corner to accommodate end post-bearing plate.
5. SSW models require a wood first-floor connection kit depending on wall model width as follows: SSW12-1KT, SSW15-1KT, SSW18-1KT, SSW21-1KT, or SSW24-1KT.
6. NS = No solution available.
7. See general notes for additional information.

Wind

