





Wind



Wall Selection and Anchorage Classification:

GARAGE-FRONT APPLICATIONS (7' to 8' Tall)





Equivalent Wall-Bracing Length (ft)	Wall Model	Single-Story Application		1st Story of 2- or 3-Story Application	
		Base Material Under Wall		Base Material Under Wall	
		Concrete 	CMU 	Concrete 	CMU 
2.5	SSW12x7 w/SSWP-KT	A	A	B	NS
	SSW15x7 w/SSWP-KT	A	A	B	B
	SSW18x7 w/SSWP-KT	A	A	A	A
	SSW12x8 w/SSWP-KT	A	A	B	NS
	SSW15x8 w/SSWP-KT	A	A	B	B
	SSW18x8 w/SSWP-KT	A	A	A	B
	SSW12x7	A	B	B	NS
	SSW15x7	A	A	B	B
	SSW18x7	A	A	A	B
	SSW12x8	B	B	C	NS
	SSW15x8	A	A	B	B
	SSW18x8	A	A	B	B
	SW16x7x4	A	A	B	B
	SW16x7x6	A	A	B	B
	SW22x7x4	A	A	A	A
	SW22x7x6	A	A	A	A
	SW16x8x4	A	A	B	NS
SW16x8x6	A	A	B	B	
SW22x8x4	A	A	A	A	
SW22x8x6	A	A	A	A	
4	SSW12x7 w/SSWP-KT	B	B	C	NS
	SSW15x7 w/SSWP-KT	A	B	C	NS
	SSW18x7 w/SSWP-KT	A	A	B	B
	SSW12x8 w/SSWP-KT	B	C	D	NS
	SSW15x8 w/SSWP-KT	B	B	C	NS
	SSW18x8 w/SSWP-KT	A	B	B	C
	SSW12x7	B	NS	D	NS
	SSW15x7	B	B	C	NS
	SSW18x7	A	A	B	C
	SSW12x8	C	NS	NS	NS
	SSW15x8	B	B	D	NS
	SSW18x8	B	B	C	C
	SW16x7x4	A	A	B	NS
	SW16x7x6	A	A	B	B
	SW22x7x4	A	A	A	A
	SW22x7x6	A	A	A	A
	SW16x8x4	B	B	C	NS
SW16x8x6	B	B	C	C	
SW22x8x4	A	A	B	B	
SW22x8x6	A	A	B	B	
6	SSW12x7 w/SSWP-KT	C	NS	NS	NS
	SSW15x7 w/SSWP-KT	B	C	D	NS
	SSW18x7 w/SSWP-KT	B	B	C	NS
	SSW12x8 w/SSWP-KT	C	NS	NS	NS
	SSW15x8 w/SSWP-KT	C	C	D	NS
	SSW18x8 w/SSWP-KT	B	B	D	NS
	SSW12x7	D	NS	NS	NS
	SSW15x7	C	C	D	NS
	SSW18x7	B	B	D	NS
	SSW21x7	B	B	C	C
	SSW12x8	D	NS	NS	NS
	SSW15x8	C	NS	NS	NS
	SSW18x8	B	C	D	NS
	SSW21x8	B	B	D	D
	SSW24x8	B	B	C	C
	SW16x7x4	B	B	D	NS
	SW16x7x6	B	B	D	NS
	SW22x7x4	A	A	B	NS
	SW22x7x6	A	A	B	B
	SW16x8x4	C	C	D	NS
SW16x8x6	C	C	D	NS	
SW22x8x4	A	A	B	NS	
SW22x8x6	A	A	B	B	

1. See pages 46-69 for anchorage solutions.
2. When using SSW_x7.4 wall model, solution for SSW_x8 wall model applies.
3. NS = No solution available.
4. See general notes for additional information.



Wall Selection and Anchorage Classification:

GARAGE-FRONT APPLICATIONS (9' to 11' Tall)

Equivalent Wall-Bracing Length (ft)	Wall Model	Single-Story Application		1st Story of 2- or 3-Story Application	
		Base Material Under Wall		Base Material Under Wall	
		Concrete 	CMU 	Concrete 	CMU 
2.5	SSW12x9	B	B	NS	NS
	SSW15x9	A	B	B	NS
	SSW18x9	A	A	B	B
	SSW12x10	B	C	NS	NS
	SSW15x10	B	B	C	NS
	SSW18x10	A	A	B	B
	SSW15x11	B	B	C	NS
	SSW18x11	A	A	B	C
4	SSW12x9	C	NS	NS	NS
	SSW15x9	B	C	D	NS
	SSW18x9	B	B	C	NS
	SSW12x10	D	NS	NS	NS
	SSW15x10	C	C	NS	NS
	SSW18x10	B	B	D	NS
	SSW21x10	B	B	C	C
	SSW24x10	A	A	B	C
	SSW15x11	C	D	NS	NS
	SSW18x11	B	C	D	NS
	SSW21x11	B	B	C	D
	SSW24x11	B	B	C	C
6	SSW15x9	D	NS	NS	NS
	SSW18x9	C	C	D	NS
	SSW21x9	B	B	D	D
	SSW24x9	B	B	C	D
	SSW15x10	D	NS	NS	NS
	SSW18x10	C	D	E	NS
	SSW21x10	C	C	D	NS
	SSW24x10	B	B	D	D
	SSW15x11	D	NS	NS	NS
	SSW18x11	D	D	E	NS
	SSW21x11	C	C	D	NS
	SSW24x11	B	C	D	D

1. See pages 46-69 for anchorage solutions.
2. For 11' wall heights, increase wall-bracing length as required by IRC R301.3.
3. NS = No solution available.
4. See general notes for additional information.

